

intelligent connectivity

**NWT**

PRODUCT CATALOGUE

# introduction

## ■ Company

New World Telecom Inc. (NWT) was established in 1991 to design, manufacture and distribute telecommunications products. Today, we are one of the leading companies in Canada setting the standard for quality, innovation, performance and reliability in providing solutions for the data communications market. Through innovation and market research, NWT is determined to remain at the forefront of this growing field. With this expertise NWT is now innovating for key markets such as network-based voice solution.

## ■ Vision - Quality and Value

New World Telecom (NWT) continues to respond to the evolving EIA /TIA and ISO/IEC standards. We continue to design the latest connectivity products that meet and exceed reliability and value goals demanded by all of our clients. With commitment to the ISO 9002 standards in our manufacturing process, consistent quality is delivered in all of our products and services. With our years of experience and extensive technical knowledge we are committed to improving existing products as well as designing new products. This allows NWT to meet the ever-growing need for speed and reliability in communications.

## ■ Customer Service Excellence

New World Telecom (NWT) is distinguished from others for its knowledgeable customer service staff. We at NWT provide detailed technical training to all our customer service representatives. NWT staff

can assist you in buying any range of products from a few components to large custom installations. NWT staff will also help you with both pre-sales and post-sales questions, even the representative at the distribution counter can answer any of your questions. The same team will help you with any product trouble shooting or getting defective items replaced as soon as possible. Hence, a dedicated customer service agent typically handles all the transactions. This helps customers know that they will get results in the shortest period of time.

## ■ Distribution

New World Telecom stocks a large volume of inventory at its headquarters in Toronto. For inventory on hand, NWT is able to provide same day shipping throughout North America. By partnering with major distributors worldwide, New World Telecom is also able to provide quick and efficient fulfillment of all orders originating out of Asia, Africa, Europe and South America (all shipments are dependent on the usual customs and shipping capabilities of their region).

## ■ Standards Approved

All NWT products are manufactured to be compliant with ISO 9002 standards. This ensures that all of the products comply with EIA / TIA and ISO/ IEC's latest standards and are UL/ CUL or CSA approved. NWT always meets and often exceeds the industry standards to keep customers satisfied.

## ■ Product Warranty

New World Telecom stands behind

every one of its products by offering a Lifetime Limited Warranty. New World Telecom will replace or repair defective parts directly or through its distribution partners, depending on how the products were sold. Contact New World Telecom or your local reseller to obtain complete warranty details.

## ■ Branding

New World Telecom promotes all of its products under its own name with NWT branding. This commitment allows our client companies in identifying NWT as a leader in quality and technological innovation. NWT customers can carry these product lines with the knowledge that the NWT logo is not only known worldwide but carries the guaranty of satisfaction and reliability.

## ■ Website:

<http://www.newworldtelecom.com>  
New World Telecom web site provides the latest product information and services to serve our customers.

## ■ Website Features:

- Downloadable PDF Product Catalogue
- Latest News
- New Products
- Inquiries
- Technical Support
- Free Downloads

Thank you for your continuous support in making New World Telecom the successful company it is today.

NWT staff look forward to serving you now and in the future.

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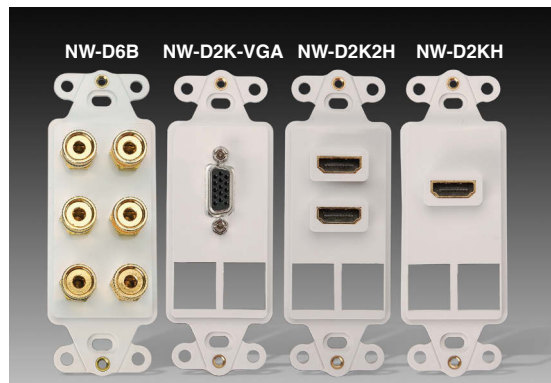
## QUICK CONNECT JACKS

Quick Connect System from NWT is a state-of-the art Integrated IDC Design that requires no termination screws to mount the cable, saving 2/3 of installation time. 110 IDC connectors are already attached to the jack and no assembly is required. 50 Micron gold plated for superior performance.



|            |  |
|------------|--|
| NW-204QCW  | 4C Quick Connect Flush Mount Jack, White                         |
| NW-204FQCW | Combo 4C X F81 Quick Connect Plate, White                        |
| NW-2044QCW | Duplex 4C Quick Connect Flush Plate, White                       |
| NW-20C6V   | Combo Cat.6 Data & Voice Flush Plate, Oversize, White            |
| NW-20C6VF  | Combo Cat.6 Data, Voice & F-81 TV Flush Plate, Oversize, White   |
| NW-104QCW  | 4C Surface Jack Quick Connect, White                             |
| NW-D6B     | 6 Binding post decora center plate                               |
| NW-D2K-VGA | 1 VGA & 2 Keystone decora center plate                           |
| NW-D2K2H   | 2 HDMI & 2 Port keystone decora center plate                     |
| NW-D2KH    | 1 HDMI & 2 Port keystone decora center plate                     |
| NW-DF3C    | 1 F-81 & 3 RCA Component to F-81 conversion, decora center plate |

When terminating cable on to the keystone jack, do not untwist pairs more than half an inch. Twisting in pairs reduces interference, the number of twists per foot in each pair is pre-measured from the factory to produce balanced cable. Therefore in order to ensure successful Category 6A compliance, cable must be handled and installed carefully to avoid unnecessary cross talk.



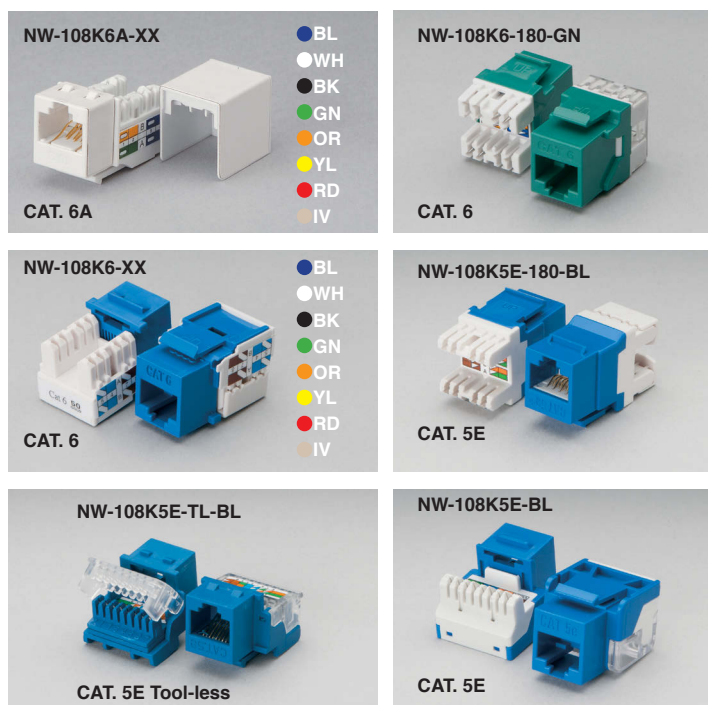
\* For cover plates go to page 9



## KEYSTONE JACKS

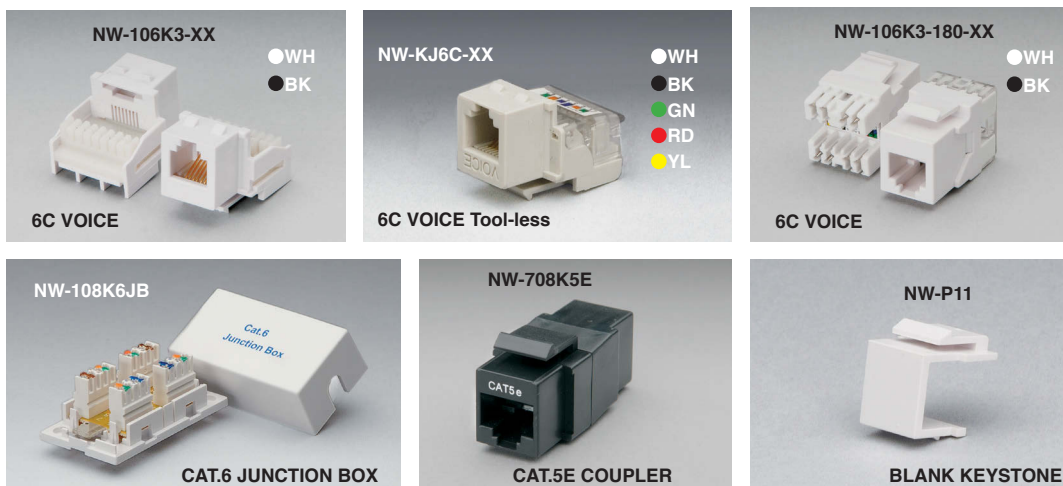
New World Telecom's new state-of-the-art Category 6A (Augmented) Keystone Jack is engineered for high speed 10 Gbps cabling system. Featuring enhanced NEXT, FEXT and Low Return Loss together with protection against Alien Crosstalk that exceeds Category 6A standards for 10 Gbps. The PCB design eliminates the split pairs to reduce installation time. Meets or exceeds EIA /TIA 568.2-10 standards and IEEE 802.3 an rev 1.0 application requirements.

NWT's wide range of high quality connectors provide multimedia configurations to the desktop as well as the telecommunications closet. All NWT Multimedia Keystone Jacks are constructed with high impact, UL 94V-0 rated housing, UL / CUL approved according to EIA / TIA Standards. ETL Verified.



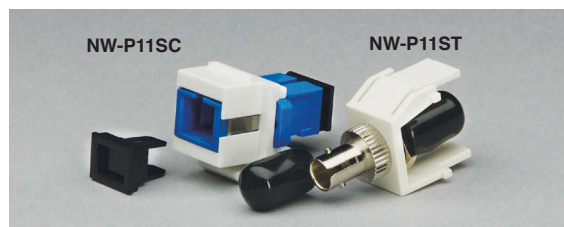
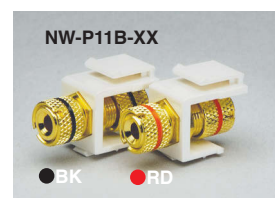
|                  |  |
|------------------|--|
| NW-108K6A-XX     | Cat.6A (Augmented) Keystone Jack 110 IDC to 8C T568A/ T568B wiring |
| NW-108K6-180-GN  | Cat.6 Keystone Jack 110 IDC to 8C, 180 Degree, Green               |
| NW-108K6-XX      | Cat.6 Keystone Jack 110 IDC to 8C, T568A/T568B wiring              |
| NW-108K5E-180-BL | Cat.5E Keystone Jack 110 IDC to 8C, 180 Degree, Blue               |
| NW-108K5E-TL-BL  | Cat.5E Tool-less Keystone Jack. Blue T568A/T568B wiring            |
| NW-108K5E-BL     | Cat.5E Keystone Jack 110 IDC to 8C, Blue                           |
| NW-106K3-XX      | Voice Keystone jack 6C, 110 IDC to 6C, USOC wiring                 |
| NW-KJ6C-XX       | Voice Tool-less Keystone, Jack, 6C, USOC wiring                    |
| NW-106K3-180-XX  | Voice Keystone Jack 6C, USOC wiring,, 180 Degree                   |
| NW-108K6JB       | Junction Box, Cat. 6   |
| NW-708K5E        | Cat 5E coupler, Keystone style                                     |
| NW-P11           | Blank keystone module, White                                       |

XX = Colours



## MULTIMEDIA KEYSTONE JACKS

Multimedia modules from NWT features high performance and fast installation of audio, video, voice and data networking. With advancement in technology, UTP cable can now be used to transfer audio and video signals via S-Video, VGA, BNC, F-type and RCA Keystone modules.

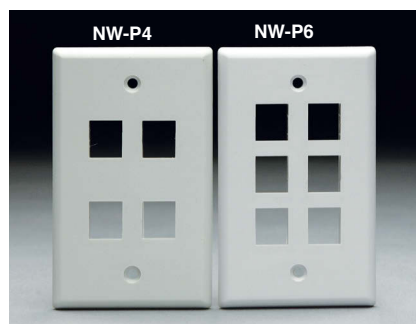
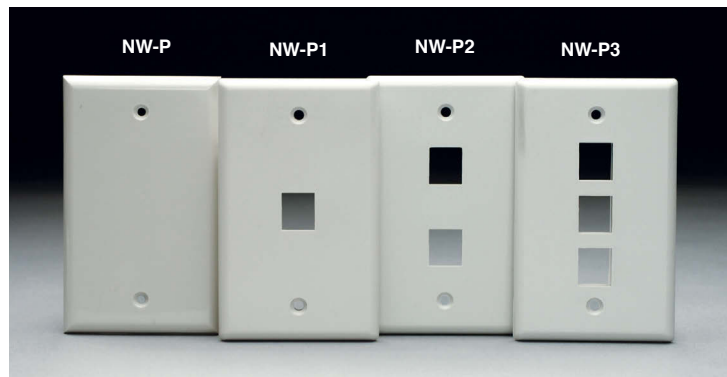


|                  |   |
|------------------|---|
| NW-P11RCA-IDC-XX | RCA Female to 110 IDC Keystone Module Signal transfer over UTP      |
| NW-P11BNC        | BNC Keystone Insert Female to Female                                |
| NW-P11RCA        | RCA Keystone Module Female to Female                                |
| NW-P11F1         | F-Type TV Module Keystone Insert                                    |
| NW-P11FN         | F-Type Keystone Module Low Profile                                  |
| NW-P11SP         | Audio Speaker Wire to IDC(UTP) Keystone Jack                        |
| NW-P11B-XX       | 3-Way binding post for audio speakers XX = RD, BK                   |
| NW-P11SV         | S-Video Keystone Module Female to 110 IDC. Signal transfer over UTP |
| NW-P11LC         | LC Keystone Module Female to Female                                 |
| NW-P11SC         | SC Keystone Module Female to Female                                 |
| NW-P11ST         | ST Keystone Module Female to Female                                 |
| NW-P11HDMI       | HDMI Female to Female Keystone Jack                                 |
| NW-P11-3.5A      | 3.5 Audio Stereo to IDC(UTP) Keystone Jack                          |
| NW-P11USB-A-S    | USB(A) to screw type UTP or Mini COAX                               |
| NW-P11USB-AA     | USB A-A Keystone Coupler  |
| NW-P11USB-AB     | USB A-B Keystone Coupler  |
| NW-P11USB-BB     | USB B-B Keystone Coupler  |



## FLUSH MOUNT KEYSTONE PLATES

NWT's Flush Mount Keystone Plates are designed to compliment today's work area office decor and attractively houses NWT's Keystone Jacks. The flush plates can be attached to standard electrical boxes for flush mount installations. The single gang flush plates can also fit over NW-625MB mounting boxes for surface mount installation. The snap on screw cover on NWT Design Plates allow easy access and eliminates visible mounting screws. Available in 1, 2, 3, 4 and 6 port configurations for greater installation flexibility.



### SMOOTH TYPE

|       |  |
|-------|--|
| NW-P  | Blank Flush Mount Keystone Plate, White  |
| NW-P1 | 1 Port Flush Mount Keystone Plate, White |
| NW-P2 | 2 Port Flush Mount Keystone Plate, White |
| NW-P3 | 3 Port Flush Mount Keystone Plate, White |
| NW-P4 | 4 Port Flush Mount Keystone Plate, White |
| NW-P6 | 6 Port Flush Mount Keystone Plate, White |



### NWT DESIGN

|          |   |       |
|----------|---|-------|
| NW-PD    | Blank NWT Design Flush Mount Keystone Plate               | White |
| NW-PD1   | 1 Port NWT Design Flush Mount Keystone Plate              | White |
| NW-PD2   | 2 Port NWT Design Flush Mount Keystone Plate              | White |
| NW-PD3   | 3 Port NWT Design Flush Mount Keystone Plate              | White |
| NW-PD4   | 4 Port NWT Design Flush Mount Keystone Plate              | White |
| NW-PD6   | 6 Port NWT Design Flush Mount Keystone Plate              | White |
| NW-2PD8  | 8 Port NWT Design Double Gang Flush Mount Keystone Plate  | White |
| NW-2PD12 | 12 Port NWT Design Double Gang Flush Mount Keystone Plate | White |

### FRONT LOADING PLATE

|          |                        |
|----------|------------------------|
| NW-CP    | Cover Plate            |
| NW-CP-B  | Blank Module           |
| NW-CP-1K | 1 Port Keystone Module |
| NW-CP-2K | 2 Port Keystone Module |

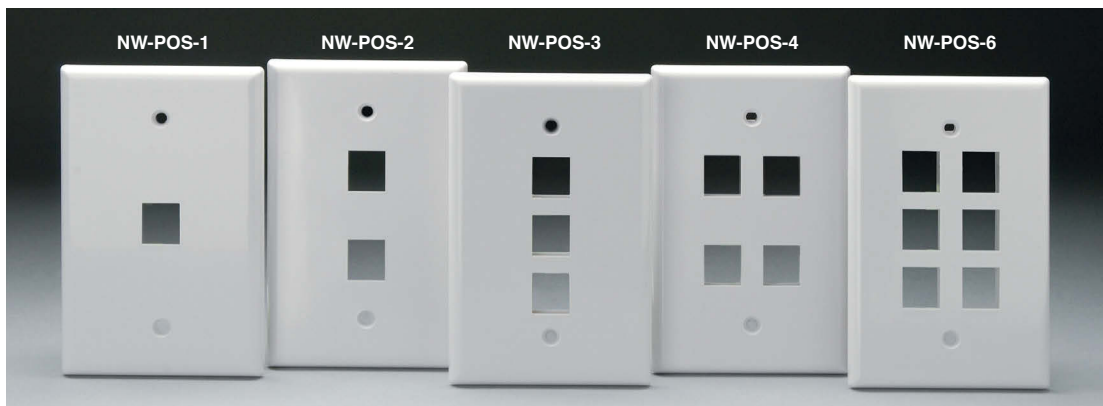
*If there is no electrical box provided, always use proper mounting brackets NW-MPLS on dry wall for flush mount plates.*



## OVERSIZE FLUSH MOUNT KEYSTONE PLATES

New World Telecom is now introducing Over Size Flush Mount Keystone Plates. The Over Size Plates provide expanded coverage area (3 1/8" X 4 7/8") (79.2mm X 123.6mm) to cover irregular drywall cuts or flaws. Compatible with all NWT Keystone Jacks.

|          |  |
|----------|--|
| NW-POS-1 | 1 Port Over Size Flush Mount Keystone Plate, White |
| NW-POS-2 | 2 Port Over Size Flush Mount Keystone Plate, White |
| NW-POS-3 | 3 Port Over Size Flush Mount Keystone Plate, White |
| NW-POS-4 | 4 Port Over Size Flush Mount Keystone Plate, White |
| NW-POS-6 | 6 Port Over Size Flush Mount Keystone Plate, White |



## OVERSIZE FLUSH MOUNT DESIGNER PLATES

Over Size Designer Flush Mount Keystone Plates have no visible screws. The Over Size Designer Plates provide expanded coverage area (3 1/8" X 4 7/8") (79.2mm X 123.6mm) to cover irregular drywall cuts or flaws. Compatible with all NWT Keystone Jacks.

|          |   |
|----------|---|
| NW-P1-DS | 1 Port Over Size Flush Designer Keystone Plate, White |
| NW-P2-DS | 2 Port Over Size Flush Designer Keystone Plate, White |
| NW-P3-DS | 3 Port Over Size Flush Designer Keystone Plate, White |
| NW-P4-DS | 4 Port Over Size Flush Designer Keystone Plate, White |
| NW-P6-DS | 6 Port Over Size Flush Designer Keystone Plate, White |



## ANGLED KEYSTONE PLATES

Angled Keystone plates from New World Telecom protects cable bend radius. The 45 degree angle prevents cables from being damaged by furniture while complimenting today's work area office décor.

Low profile angled plates can be field configured with keystone jacks or keystone type multimedia modules.

Designed for flush mounting and accepts any high density keystone jacks.

UL /cUL & CSA approved.

|        |                                     |
|--------|-------------------------------------|
| NW-P1A | 1 Port Angled Keystone Plate, White |
| NW-P2A | 2 Port Angled Keystone Plate, White |
| NW-P4A | 4 Port Angled Keystone Plate, White |

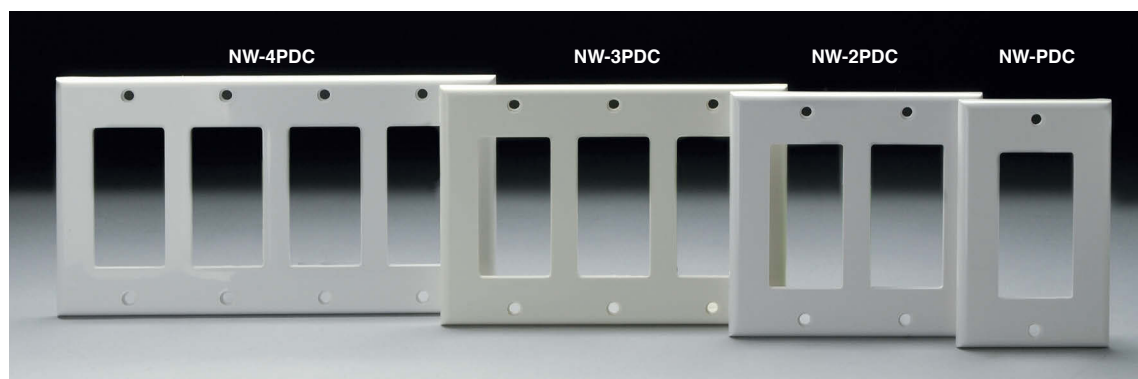




## DECORA STYLE FLUSH MOUNT KEYSTONE PLATES

Decora Style Strap accepts all NWT Multimedia Keystone Jack Modules. Straps fit decorator style electrical faceplates and allow for easy mounting of communication outlets in power poles and floor pedestals. Decora Straps are available in blank, 1, 2, 3, 4 and 6 port configurations for greater installation flexibility. Cover plates are available in single, double, triple and quadruple gang formats.

|         |                            |
|---------|----------------------------|
| NW-D0   | Blank Decora Strap         |
| NW-D1   | 1 Port Decora Strap        |
| NW-D2   | 2 Port Decora Strap        |
| NW-D3   | 3 Port Decora Strap        |
| NW-D4   | 4 Port Decora Strap        |
| NW-D6   | 6 Port Decora Strap        |
| NW-PDC  | Single Gang Cover Plate    |
| NW-2PDC | Double Gang Cover Plate    |
| NW-3PDC | Triple Gang Cover Plate    |
| NW-4PDC | Quadruple Gang Cover Plate |



## STAINLESS STEEL FLUSH MOUNT KEYSTONE PLATES

New Stainless Steel Plates from NWT offer a Flush Face Surface. Available in single gang 1, 2, 3, 4 and 6 port configurations, NWKS-SS1WP is specially designed to Wall Mount any Ethernet based VoIP Phone with Network Jack (8C).

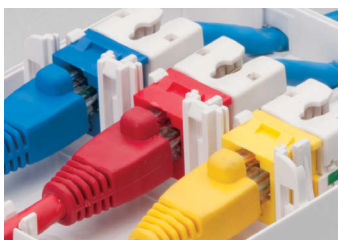
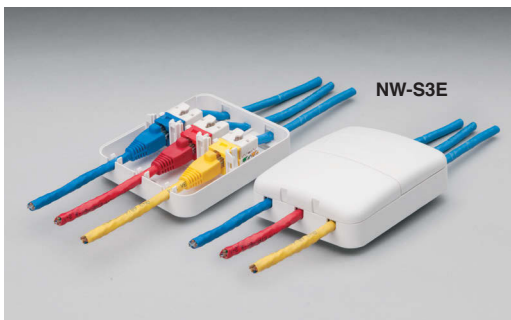


|            |   |
|------------|---|
| NWKS-SS1WP | Wall Phone Stainless Steel Keystone Plate |
| NWKS-SS1   | 1 Port Stainless Steel Keystone Plate     |
| NWKS-SS2A  | 2 Port Stainless Steel Keystone Plate     |
| NWKS-SS2   | 2 Port Stainless Steel Keystone Plate     |
| NWKS-SS3   | 3 Port Stainless Steel Keystone Plate     |
| NWKS-SS4   | 4 Port Stainless Steel Keystone Plate     |
| NWKS-SS6   | 6 Port Stainless Steel Keystone Plate     |



## SURFACE MOUNT KEYSTONE BOXES

New World Telecom offers a complete line of Surface Mount Boxes for NWT Multimedia Keystone Jacks. The boxes are low profile and easy to install on a flat surface using the included two-way tape or drywall screws. The surface mount boxes are ideal for installations with no recess area. Available in 1, 2, 3, 4, 6 & 12 port versions with or without spring loaded dust cover door.



NW-S1  
NW-S2  
NW-S4  
NW-625MB-W  
NW-S12  
NW-S3E

1 Port Surface Mount Keystone Box with two way adhesive tape and screws  
2 Port Surface Mount Keystone Box with two way adhesive tape and screws  
4 Port Surface Mount Keystone Box with two way adhesive tape and screws  
Mounting Box is used to surface mount a flush plate  
12 Port Surface Mount Keystone Box with two way adhesive tape and screws  
3 Port Surface Mount Keystone Box, Enclosed



Maximum cable pulling tension must be limited to 25 lbs. Too much tension can disturb the pairs and threaten performance. Bending radius should not be more than four times the cable diameter. The typical bend radius for Category 6A is 1.25 Inch.

NW-S1D  
NW-S2D  
NW-3FM  
NW-S4D  
NW-S6D

1 Port Surface Mount Keystone Box with door & two way adhesive tape and screws  
2 Port Surface Mount Keystone Box with door & two way adhesive tape and screws  
3 Port Furniture Module accepts all NWT Multimedia Keystone Jacks  
4 Port Surface Mount Keystone Box with door & two way adhesive tape and screws  
6 Port Surface Mount Keystone Box with door & two way adhesive tape and screws

## TELEPHONE JACKS

NWT offers a wide selection of smooth surface and designer style Flush Mount Jacks to compliment today's office decor. UL/CUL or CSA approved for superior performance.

|            |  |
|------------|--|
| NW-41A4    | 4C Connecting Block, White                           |
| NW-504W    | 4C Universal Jack Assembly for Wall Phone            |
| NW-104DR-W | 4C Surface Mount Jack, with door                     |
| NW-1044W   | Duplex 4CX4C Surface Mount Jack                      |
| NW-104W    | 4C Surface Mount Jack                                |
| NW-202FW   | Duplex CATV Flush Mount Jack with 2 X F81 connectors |
| NW-2044W   | Duplex 4CX4C Smooth Flush Mount Jack                 |
| NW-204FW   | Combo 4C X F81 Smooth Flush Jack                     |
| NW-20FW    | CATV Smooth Flush Mount Jack with F81 connector      |
| NW-204SW   | 4C Smooth Flush Mount Jack                           |



### NOTE:

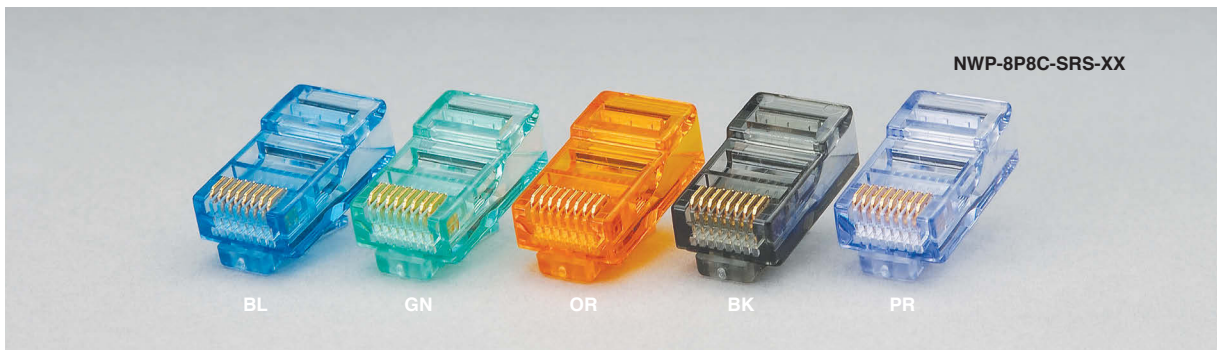
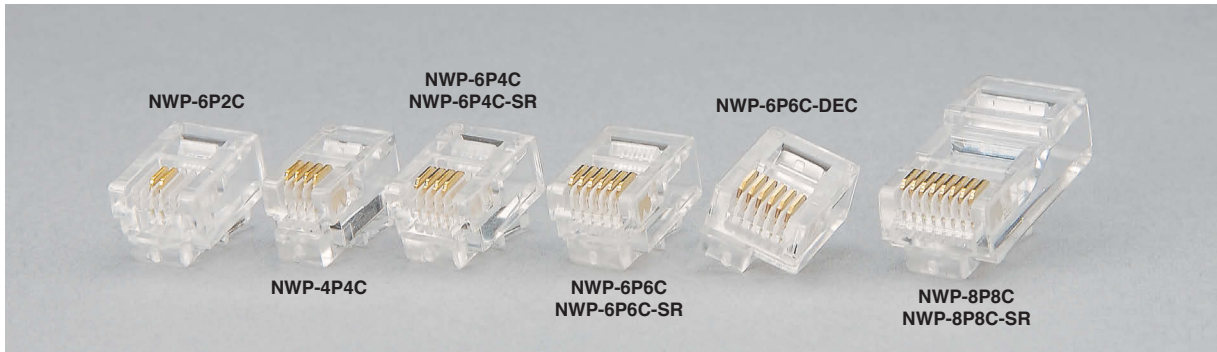
Some jacks are also available in Ivory colour, please call customer service.



|            |  |
|------------|--|
| NW-704     | 4C Cord Coupler                              |
| NW-804     | 4C T-Adapter, White                          |
| NW-104OD   | 4C Outdoor Surface Jack, Ivory               |
| NW-20FDW   | CATV Designer Flush Jack with F81 connector  |
| NW-204FDW  | Combo 4C X F81 Designer Flush Jack           |
| NW-204DR-W | 4C Designer Flush Mount Jack, with dust door |
| NW-204DW   | 4C Designer Style Flush Jack Mount           |
| NW-2044DW  | Duplex 4CX4C Designer Style Flush Mount Jack |

## MODULAR PLUGS

New World Telecom (NWT) Modular Plugs are CSA approved with 50 micro-inch gold plating. There are a variety of plugs available from stock for stranded and solid wire. Applications include voice and networking patch cords.



| Part Number                             | Description  |
|---|--|
| <b>Modular Plugs for Stranded Cable</b> |  |
| NWP-6P2C                                | Modular plug for 2 conductor stranded line cord                            |
| NWP-4P4C                                | Modular plug for 4 conductor handset cord                                  |
| NWP-6P4C                                | Modular plug for 4 conductor stranded line cord                            |
| NWP-6P6C                                | Modular plug for 6 conductor stranded line cord                            |
| NWP-6P6C-DEC                            | Modular plug for 6 conductor stranded line cord DEC type, offset & MMJ     |
| NWP-8P8C                                | Modular plug for 8 conductor stranded Cat.5E cable                         |
| NWP-8P8C-C6R                            | Category 6 Modular plug with wire guide for 8 conductor stranded cable     |
| NWP-8P8C-SH                             | 8P8C Modular plug for shielded stranded cable                              |
| <b>Modular Plugs for Solid Cable</b>    |  |
| NWP-6P4C-SR                             | Modular plug for 4 conductor solid cable                                   |
| NWP-6P6C-SR                             | Modular plug for 6 conductor solid cable                                   |
| NWP-8P8C-SR                             | Modular plug for 8 conductor solid Cat.5E cable                            |
| NWP-8P8C-PLSR                           | Modified Latch Modular Plug for Patch Cord 8P8C for solid & stranded cable |
| NWP-8P8C-SR6                            | Category 6 Modular plug with wire guide for 8 conductor solid cable.       |
| NWP-8P8C-SHSR                           | 8P8C Modular plug for shielded solid cable                                 |
| NWP-8P8C-SRS-XX                         | Modular Plug for Patch Cord 8P8C for solid & stranded cable                |

XX = Colours - BL = Blue, GN = Green, OR = Orange, BK = Black, PR = Purple

NWP-8P8C-SHSR  
NWP-8P8C-SH



NWP-8P8C-PLSR



NWP-8P8C-SR6  
NWP-8P8C-C6R





## PUSH & SEAL CONNECTORS (COMPRESSION TYPE)

NWT's Push & Seal Connectors include the F-Type, BNC and RCA nickel and gold plated connectors for RG59 and RG6 dual and quad shield cables. These connectors are also available in L-type configuration to save space. Push & Seal connectors from New World Telecom will simplify the in-field termination process and ensure professional and reliable connections.



|             |  |
|-------------|--|
| NW-R-PS6-XX | Push & Seal, RCA-Male for RG6, Nickel Plated                         |
| NW-BNC-PS6L | Push & Seal, BNC-Male for RG6, L-type                                |
| NW-BNC-PS6  | Push & Seal, BNC-Male for RG6, Nickel Plated                         |
| NW-BNC-PS59 | Push & Seal, BNC-Male for RG59, Nickel Plated                        |
| NW-F-PS6QG  | Push & Seal, F Connector for RG6 Quad Shield, Gold Plated            |
| NW-F-PS6G   | Push & Seal, F Connector for RG6, Gold Plated                        |
| NW-F-PS6Q   | Push & Seal, F Connector for RG6 Quad Shield, Nickel Plated          |
| NW-F-PS59   | Push & Seal, F Connector for RG59, Nickel Plated                     |
| NW-F-PS6    | Push & Seal, F Connector for RG6, Nickel Plated                      |
| NW-F-PS6L   | L – Type Push & Seal, F Connector For RG6, Nickel Plated             |
| NW-F-PS6QL  | L – Type Push & Seal, F Connector For RG6 Quad Shield, Nickel Plated |



## COUPLERS & CONVERTERS

|             |                                     |
|-------------|-------------------------------------|
| NW-BNC-13   | BNC Coupler, Female-Female          |
| NW-F81-2GHZ | F81 Bulkhead Coupler, Female-Female |
| NW-RCA-F    | RCA Male to F-type Female           |
| NW-RCA-BNC  | RCA Male to BNC Female Converter    |
| NW-BNC-F    | BNC Male to F-type Female Converter |
| NW-BNC-13B  | BNC Bulkhead Coupler, Female-Female |
| NW-BNC-RCA  | BNC Male to RCA Female Converter    |
| NW-FL       | F81 Male to Female - "L" Type       |



## xDSL PRODUCTS

The xDSL Filter isolates the telephone device from incoming xDSL signal. In addition the filter also protects the xDSL modem from random impedance variations generated by the telephone device and ensures its proper operation.

### ELECTRICAL SPECIFICATIONS:

- Filter topology = 2-pole low bypass.
- Loading capacity on the telephone port is 33nF.
- The 3 dB cut-off point from CO line to telephone port is 9 kHz +/- 1.5 kHz
- Attenuation distortion relative to 1 kHz, 300 kHz and 3400 kHz is +/- 1 dB maximum.
- DC resistance through T & R to telephone port is less than 30 ohms maximum.
- All devices have 6P4C modular plug and jacks.
- Filter one is applied to R1 (position 3) and T1 (position 4)
- Filter two is applied to R2 (position 5) and T1 (position 2)



|             |   |
|-------------|---|
| NW-2063     | Out-Door POT Splitter   |
| NW-DSL1     | xDSL Filter for 1 Line Telephone device                                     |
| NW-2060-L1  | xDSL Filter/Conditioner for 1 Line Telephone device                         |
| NW-2060-L2  | xDSL Filter/Conditioner for 2 Line Telephone device                         |
| NW-2064-L1  | T- In Line xDSL Filter/Conditioner for 1 Line Telephone device              |
| NW-2064-L2  | T- In Line xDSL Filter/Conditioner for 2 Line Telephone device              |
| NW-2064-L1D | T- In Line xDSL Filter/Conditioner for 1 Line Telephone device + xDSL Modem |
| NW-2061-L1D | Wall Mount xDSL Filter/Conditioner for 1 Line Telephone device + xDSL modem |
| NW-2061-L2D | Wall Mount xDSL Filter/Conditioner for 2 Line Telephone device + xDSL modem |
| NW-2061-L1  | Wall Mount xDSL Filter/Conditioner for 1 Line Telephone device              |
| NW-2061-L2  | Wall Mount xDSL Filter/Conditioner for 2 Line Telephone device              |
| NW-2062     | Indoor POT Splitter   |





## MOUNTING BRACKETS

The NWT line of Fasteners are used for low voltage accessories. Each unique bracket allows you to position a standard low voltage Class 2 system faceplate anywhere on walls.

- Eliminate the need for an electrical box.
- Make "wire fishing" easier.
- Ideal for network jacks, phone jacks, cable outlets and other multimedia outlets.
- Great for drywall applications.

|          |  |
|----------|--|
| NW-MPLS  | Mounting Bracket single gang             |
| NW-2MPLS | Mounting Bracket double gang             |
| NW-MB1   | Mounting Bracket single gang             |
| NW-MPD   | Pre-drywall Mounting Bracket single gang |



|         |   |
|---------|---|
| NW-J-4L | 4" L-type J-Hook, 18 AWG Galvanized                           |
| NW-J-2L | 2" L-type J-Hook, 18 AWG Galvanized                           |
| NW-J-4S | 4" Straight-type J-Hook, 18 AWG Galvanized                    |
| NW-J-2S | 2" Straight-type J-Hook, 18 AWG Galvanized                    |
| NW-J    | J-hook for drop ceiling wire maximum of 12 cables can be used |

## INDUSTRIAL CABLING SYSTEM (CATEGORY 6)

### For speeds up to 10 Gbps

- Keystone Jack features a 110 IDC termination on the back and an 8P8C Jack on the front
- Patch Cord features a protective plug that screws into the jack
- When mated they provide an IEC IP67 rated seal
- Protect plugs and jacks from dust, oil, water and other contaminants
- Prevents accidental disconnects from industrial vibration
- Patch cords and jacks are Category 6 compliant, backward compatible to Cat. 5E
- Can be wired for T568A or T568B



|                |  |
|----------------|--|
| NW-P1-IND      | 1 Port Industrial Faceplate, IEC IP67 rated                      |
| NW-P2-IND      | 2 Port Industrial Faceplate, IEC IP67 rated                      |
| NW-108K6-IND   | Cat. 6 Industrial Keystone Jack, 110 IDC to 8P8C, IEC IP67 rated |
| NWL-CT6-3-IND  | 3 ft. Category 6 Industrial Patch Cord, IEC IP67 rated           |
| NWL-CT6-10-IND | 10 ft. Category 6 Industrial Patch Cord, IEC IP67 rated          |



## CATV BALUNS

The CATV Balun allows traditional 75-ohm coaxial cable to be replaced by one pair UTP in the CATV, VHF and FM video signal environments. Used in pairs, the CATV Balun allows broadband CATV equipment to be integrated into structured cabling systems for schools, government, offices, hospitals, financial institutions, hotels and residential complexes.

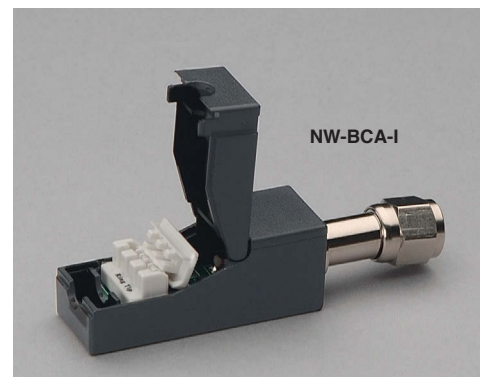
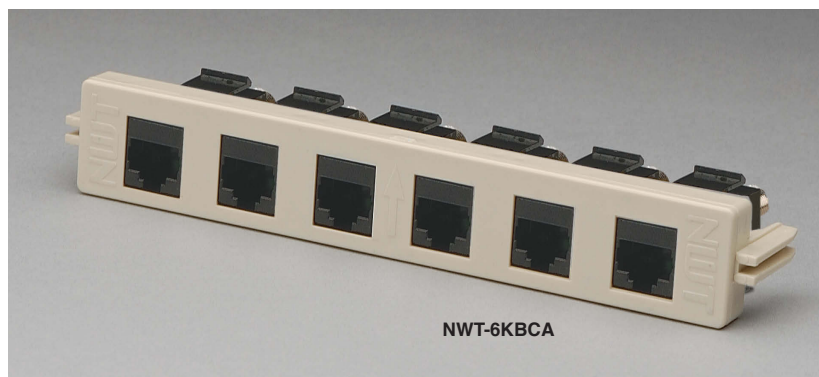
The CATV Balun works in conjunction with RF splitters, active local channel antennas, combiners, amplifiers and cable modems for a total RF cabling solution. Available in several configurations including Standard type, Tool-less IDC and Modular Keystone style to mount on Work Area Outlets.

|               |   |
|---------------|---|
| NW-BCA-S      | CATV Balun, 8C (RJ 45) to F-type (male) Standard type                       |
| NW-BCA-K      | CATV Balun, 8C (RJ45) to F-type (female) Keystone type                      |
| NWT-6KBCA     | 6 Port CATV Balun module, 8C (RJ45) to F-type (female) for BIX-type mounts  |
| NW-BCA-I      | CATV Balun, 8C (RJ45) to F-type (male), IDC w/cover                         |
| NWPP-16KJ-BCA | 16 Port CATV Balun Patch Panel 19" rack mount, 8C (RJ45) to F-type (female) |



### SPECIFICATIONS

- Bandwidth: 5MHz~550MHz.
- Insert Loss: 3dB at CATV channels 2~6
- Return Loss: 18dB at 10MHz~550MHz.
- Common Mode Rejections: 20dB at 40MHz~500MHz.
- Max. Distance: 100m via Cat.5e UTP cable





## CCTV BALUNS

The CCTV Power & Data (Thru Balun allows video signals and remote power & control data to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. The CCTV Power & Data Thru Balun is used in pairs to allow you to eliminate more expensive coaxial cable, including coupling signals from remote video cameras to display systems, video capture, security and surveillance monitoring applications.

Existing twisted pair infrastructure such as telephone cable and Cat.5e or Cat.6 networking cables can be used. All of our Baluns are 100% tested for reliability and durability to guarantee your signal integrity.

|             |  |
|-------------|--|
| NW-BCC-PDC  | CCTC Power and Data Thru for PTZ, UTP 8P8C Jack to Male BNC cord, DC Power cord (1/3/+, 2/6/-) & Data cord (PTZ 5/-, 4/+)      |
| NW-BCC-PDCP | CCTC Power and Data Thru for PTZ, UTP 8P8C Jack to Male BNC cord, DC Power Plug cord (1/3/+, 2/6/-) & Data cord (PTZ 5/-, 4/+) |
| NW-BCC-BPC  | CCTV Power Thru Balun, UTP 8P8C Jack to Male BNC cord & DC Power cord (1/3/5/+, 2/4/6/-)                                       |
| NW-BCC-S    | CCTV Balun, 8C (RJ45) to BNC (male), pins 4/5, for indoor/outdoor use  |
| NW-BCC-SC   | CCTV Balun, 8C (RJ45) to BNC Cord (male), pins 4/5, for indoor/outdoor use   |
| NW-BCC-I    | CCTV Balun, Tool-less IDC to BNC (male),w/ cover   |



## 4 PORT CCTV BALUNS

This 4 port balun allows transmission of 4 sets of real time color or monochrome video signal up to 680 meters over Cat.5e UTP cable. This 4 port balun is designed for small CCTV installations where size and space are restricted.

### Specifications

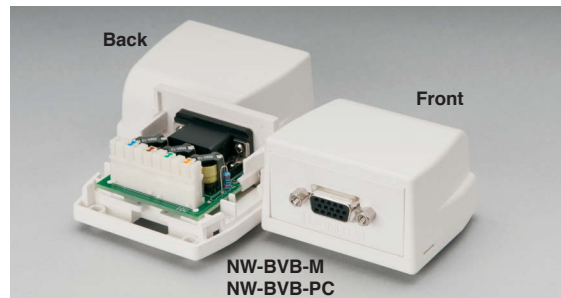
- Bandwidth: Video DC~8MHz
- Insertion Loss:  $\leq 2\text{dB}$ .
- Return loss:  $\geq 15\text{dB}$ .
- Common Mode Rejection:  $\pm 40\text{dB}$  at 8MHz.
- Impedance: 75-ohm.
- Cat. 5E UTP Cable
- Impedance: 100 ohm at 1MHz.
- Max. Capacitance: 20 pf/ ft.
- Attenuation: 6.6dB/1000ft at 1MHz.
- Transmission Distance: 2,230ft (680m).
- Dimension (mm): H24.0 x W81.0 x D60.0.



|           |                               |
|-----------|-------------------------------|
| NW-BCC-4F | 4 Port CATV-F81 to RJ45 Balun |
| NW-BCC-4B | 4 Port CCTV-BNC to RJ45 Balun |

## VGA BALUNS

The VGA baluns offer an ideal link between data output equipment and VGA monitors using 4-pair Cat.5e shielded twisted-pair cabling, eliminating the cost and clutter associated with heavier VGA cables. With the VGA baluns at both the transmission and receiving ends of your setup, you can enjoy an impressive transmission distance of up to 450ft (137m) and up to 1280 X 1024 pixel resolution.



|           |   |
|-----------|---|
| NW-FPM-M  | Flush plate module for monitor end, 110 IDC to VGA HD15 |
| NW-FPM-PC | Flush plate module for PC end, 110 IDC to VGA HD15      |
| NW-BV-PC  | STP RJ45 to Female VGA HD15 Connector, for PC end       |
| NW-BV-M   | STP RJ45 to Female VGA HD15 Connector, for Monitor end  |
| NW-BVB-M  | Surface Box, 110 IDC to VGA HD15, Monitor end           |
| NW-BVB-PC | Surface Box, 110 IDC to VGA HD15, PC end                |

|          |                     |
|----------|---------------------|
| NW-CV92B | 2 port VGA Splitter |
| NW-CV94B | 4 port VGA Splitter |
| NW-CV98B | 8 port VGA Splitter |

## VGA SPLITTERS

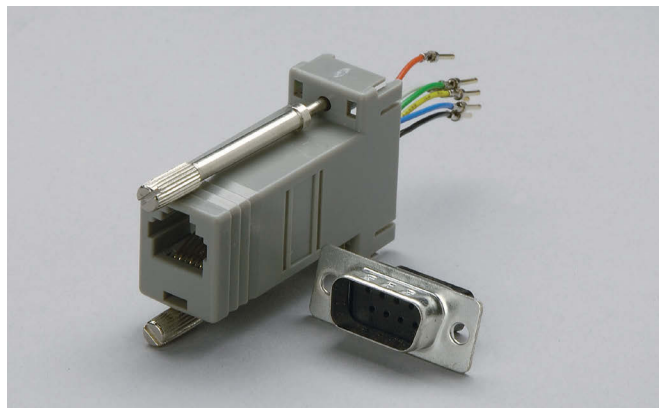




## DB-MODULAR ADAPTER KITS

DB-Modular Adapter Kits from New World Telecom are fully configurable according to your own wiring requirements. Simply configure the DB connector, snap it on and plug in your data patch cord. Its that easy. New World Telecom also offers custom cable assemblies on order basis, please check with our order desk.

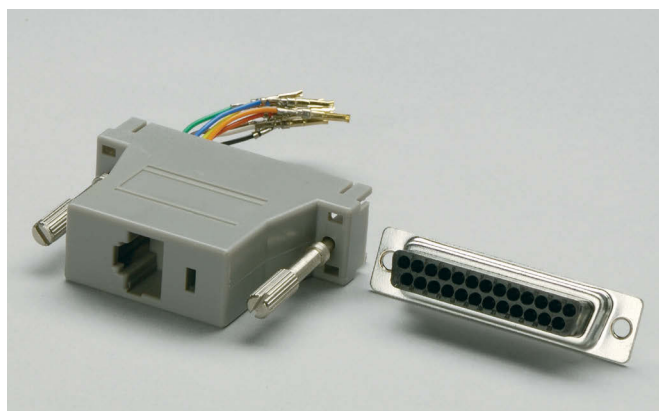
|          |                         |
|----------|-------------------------|
| NWD-096M | DB9 male to 6P6C jack   |
| NWD-096F | DB9 female to 6P6C jack |
| NWD-098M | DB9 male to 8P8C jack   |
| NWD-098F | DB9 female to 8P8C jack |



|          |                          |
|----------|--------------------------|
| NWD-156M | DB15 male to 6P6C jack   |
| NWD-156F | DB15 female to 6P6C jack |
| NWD-158M | DB15 male to 8P8C jack   |
| NWD-158F | DB15 female to 8P8C jack |



|          |                          |
|----------|--------------------------|
| NWD-256M | DB25 male to 6P6C jack   |
| NWD-256F | DB25 female to 6P6C jack |
| NWD-258M | DB25 male to 8P8C jack   |
| NWD-258F | DB25 female to 8P8C jack |



## BIX -TYPE PRODUCTS

NWT BIX-Type Products from New World Telecom are superior in design and quality, simplifying moves, additions and changes for UTP voice connection systems. BIX type hardware modularity reduces congestion and allows future growth potential for UTP voice connection systems.

### Technical Specifications:

#### Materials:

- Housing material: Fire-retardant thermoplastic
- IDC clips: Phosphorus bronze with tin plating over nickel

#### Mechanical Characteristics:

- Connection: 22, 24 & 26 AWG plastic insulated solid copper conductors
- Durability: 200 Insertions.

#### Electrical Characteristics:

- Dielectric Strength: 1000 Volts RMS at 60 Hertz for 1 Minute
- Current Rating: 1.5 Amperes maximum
- Insulation Resistance: 100 mega ohm minimum between clips
- Contact Resistance: 1 milli-ohm per contact



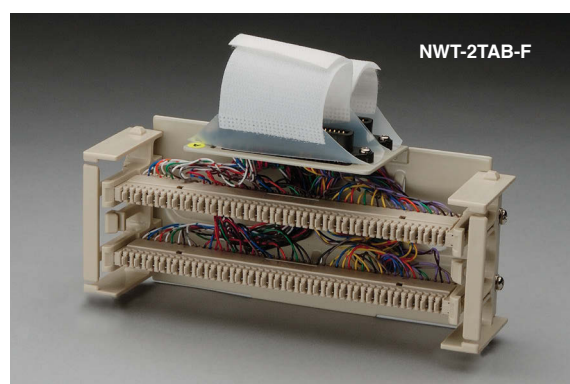
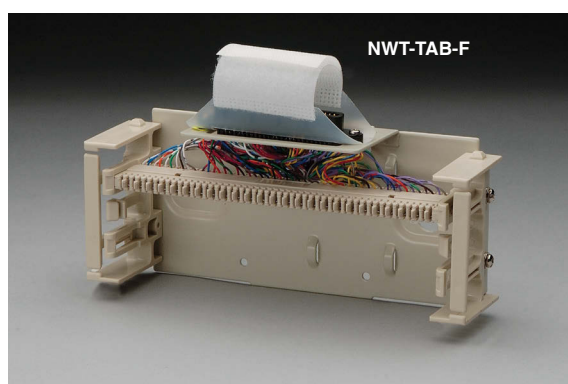
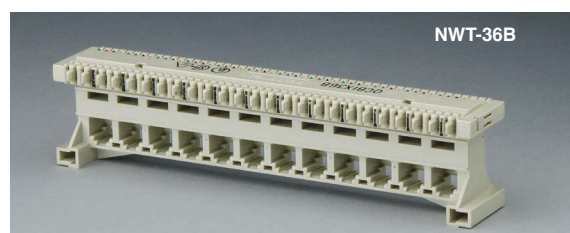
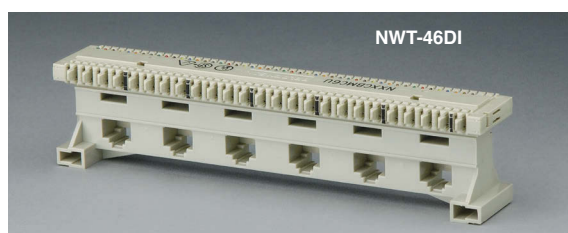
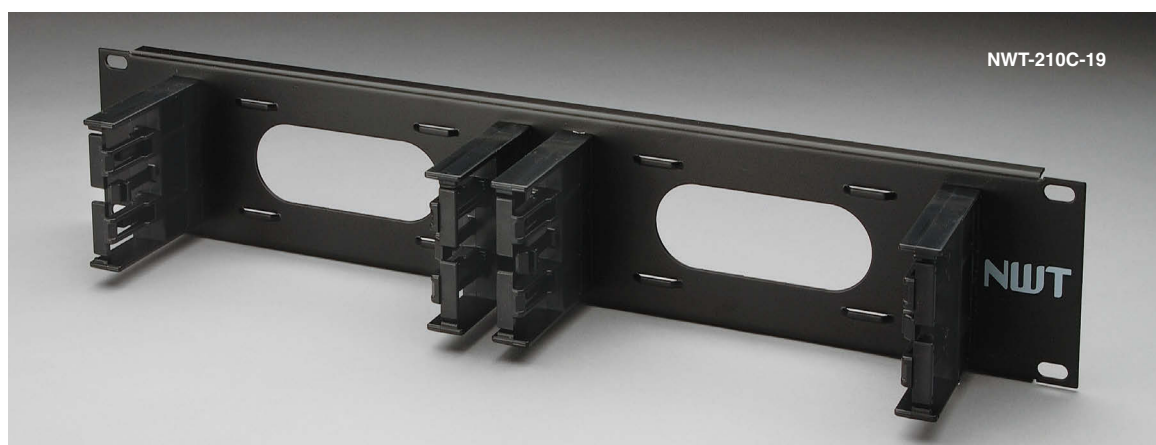
|         |                                   |
|---------|-----------------------------------|
| NWT-1A  | Bix Type connector 5 Pair marking |
| NWT-1A4 | Bix Type connector 4 Pair marking |
| NWT-20A | Bix Type Designation Strip        |
| NWT-10C | Bix Type 2 Position Bracket       |
| NWT-10B | Bix Type 4 Position Bracket       |
| NWT-10A | Bix Type 10 Position Bracket      |
| NWT-12E | Bix Type 12 Position Bracket      |
| NWT-19A | Bix Type Distribution Ring        |
| NWT-17A | Bix Type Test Clip, 1 Pair        |
| NWT-16A | Bix Type Punch Tool               |

## BIX -TYPE PRODUCTS

|        |               |
|--------|---------------|
| NWT-OR | Orange Labels |
| NWT-WH | White Labels  |
| NWT-BL | Blue Labels   |
| NWT-GN | Green Labels  |
| NWT-RD | Red Labels    |
| NWT-YL | Yellow Labels |



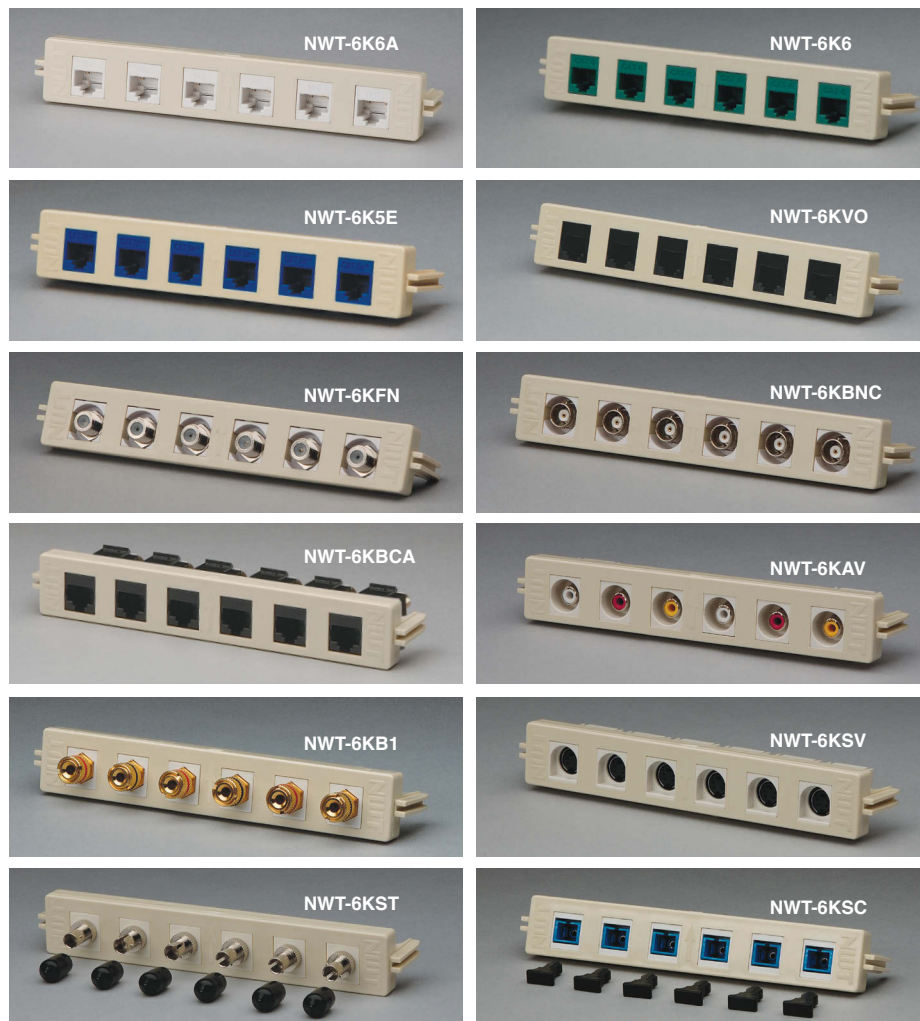
|             |  |
|-------------|--|
| NWT-210C-19 | 100 pair, 4 X BIX connector, 19" rack mount                |
| NWT-46DI    | 8C X 6 port modular (T568A) Bix Type                       |
| NWT-36B     | 4C X 12 port modular Bix Type                              |
| NWT-TAB-F   | Trunk Access Block, 1 RJ21X female to 1 NWT-1A fully wired |
| NWT-2TAB-F  | Trunk Access Block, 2 RJ21X female to 2 NWT-1A fully wired |





## MULTIMEDIA CROSS CONNECT SYSTEM (BIX MOUNT)

New World Telecom is introducing its Multimedia Cross Connect System. The system uses 6 port multimedia modules to be used for horizontal distribution cabling and can be mounted on BIX-type mounts. 6 Port modules come in several multimedia configurations that includes Category 6A, Category 6, SC-Fiber, ST-Fiber, BNC, F-Type, S-Video to UTP and RCA to UTP, CATV Balun. The 6 port modules are low profile and require only one space on a BIX-type mount.

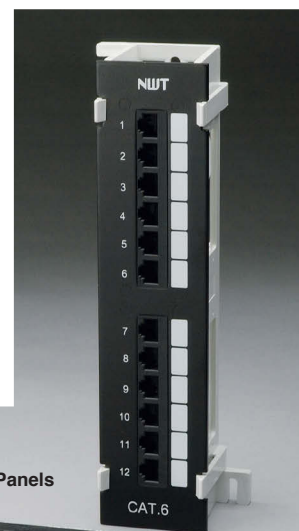
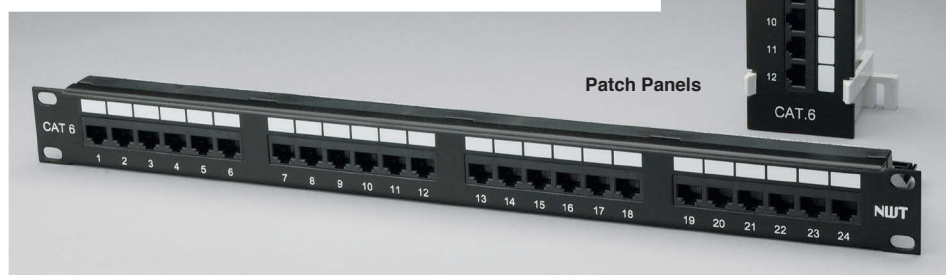


|           |   |
|-----------|---|
| NWT-6K6A  | 6 Port, Category 6A Module BIX Mount            |
| NWT-6K6   | 6 Port, Category 6 Module BIX Mount             |
| NWT-6K5E  | 6 Port, Category 5e Module BIX Mount            |
| NWT-6KVO  | 6 Port, Voice Module BIX Mount                  |
| NWT-6KFN  | 6 Port, F-type (F-F) Module BIX Mount           |
| NWT-6KBNC | 6 Port, BNC (F-F) Module BIX Mount              |
| NWT-6KBCA | 6 Port, F-type to RJ45 Balun Module BIX Mount   |
| NWT-6KAV  | 6 Port, Audio Video RCA to UTP Module BIX Mount |
| NWT-6KBI  | 6 Port, 3 way binding post Module BIX Mount     |
| NWT-6KSV  | 6 Port, S-Video to 110 IDC Module BIX Mount     |
| NWT-6KST  | 6 Port, ST Fiber Module BIX Mount               |
| NWT-6KSC  | 6 Port, SC Fiber Module BIX Mount               |

## PATCH PANELS

New World Telecom is now introducing its Category 6A (Augmented) Patch Panels. NWT's 6A UTP Solution exceeds Category 6A performance requirements for 10G Base-T application standard as set forth by TIA 568-B.10. This is supported by providing an efficient and effective method of reducing alien crosstalk (AXT) from neighboring connectors. Each panel is designed to be used with NWT Category 6A Keystone Jacks to achieve peak 10GBPS performance. Such performance will enable your network to support current technologies such as 10/100/1G/10G Ethernet as well as advanced new Internet Protocol-based services.

The NWT Category 6A Patch Panel is an essential element of NWT's Category 6A UTP end-to-end Cabling Solution. The Category 6A Keystone Jacks exceed all channel performance requirements in TIA-568-B.2-10 from 1 MHz to 550MHz to support the IEEE 802.3an standard for 10 Gigabit Ethernet over UTP Cable.



| Part Number    | Description  | Colour |
|----------------|--|--------|
| NWPP-824-C6A   | <b>Category 6A (Augmented), 550 MHz, 10 Gbps rated</b><br>24 Port, Cat. 6A Patch Panel, spaced design, 19" | Black  |
| NWPP-812-C6-WM | <b>Category 6 Patch Panels (10 Gbps rated)</b><br>12 Port Category 6 Vertical Mount With Wall Bracket      | Black  |
| NWPP-824-C6    | 24 Port Category 6 Patch Panel, 19" rack mount   | Black  |
| NWPP-848-C6    | 48 Port Category 6 Patch Panel, 19" rack mount   | Black  |
| NWPP-896-C6    | 96 Port Category 6 Patch Panel, 19" rack mount   | Black  |
| NWPP-812-WM    | <b>Category 5E Patch Panels (1 Gbps rated)</b><br>12 Port Cat.5e Vertical Mount With Wall Bracket          | Black  |
| NWPP-824-T568A | 24 Port, 19" rack mount  | Black  |
| NWPP-848-T568A | 48 Port, 19" rack mount  | Black  |
| NWPP-896-T568A | 96 Port, 19" rack mount  | Black  |
| NWPP-424-USOC  | <b>Category 3 Voice Patch Panel (16 Mhz rated)</b><br>24 Port, 4C USOC, Category 3 Voice Patch Panel       | Black  |



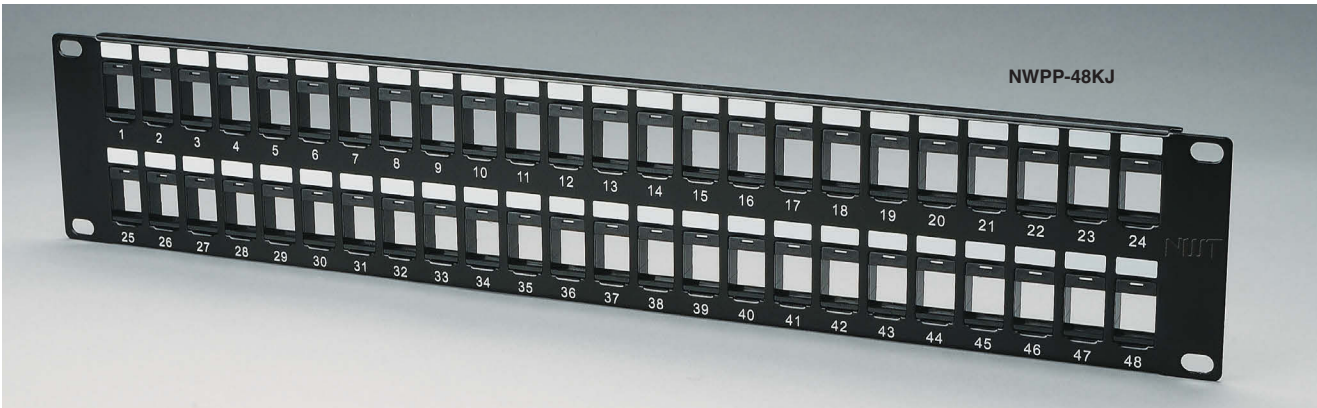
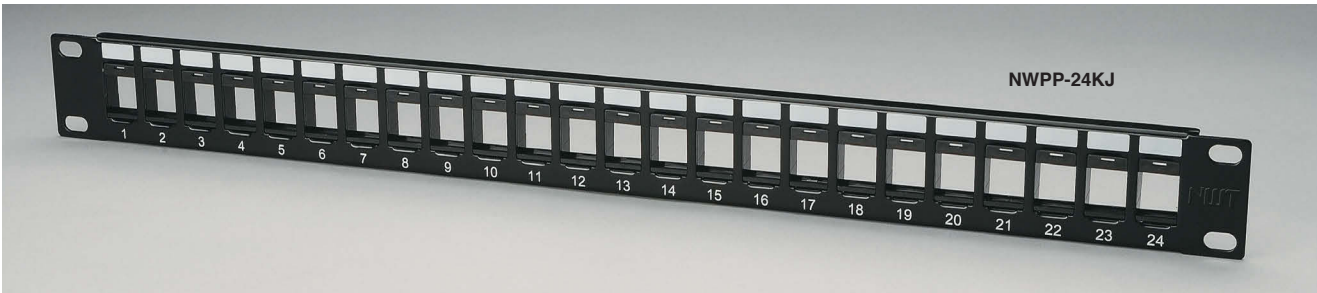
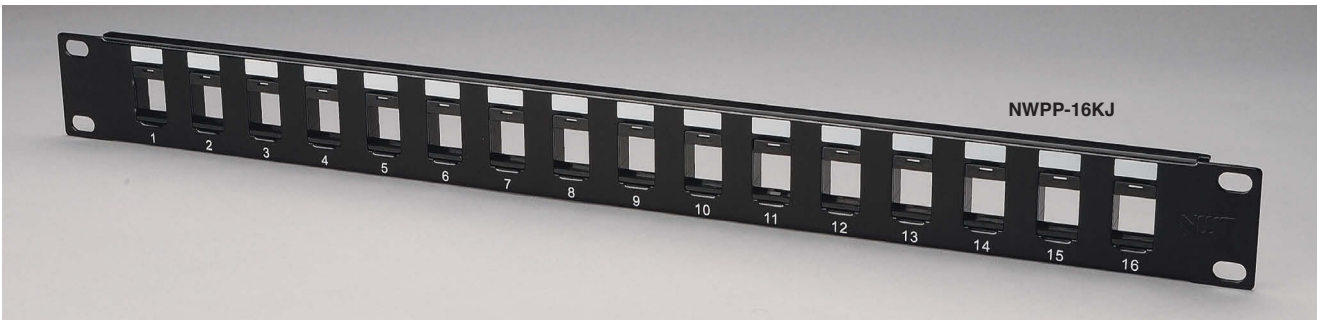
# BLANK PATCH PANELS

Blank Patch Panels from New World Telecom are designed for multimedia applications. Built-in retainer plastic module keeps the keystone jacks flush on panel for aesthetics.

## Features

- 19" EIA Rack mount
- Designed to support the distribution of multimedia applications
- 16 port is 1RU and accepts any NW-108 Keystone jacks.
- 24 port is 1RU and accepts any low profile NW-108 Keystone jacks
- 48 port is 2RU and accepts any low profile NW-108 Keystone jacks

| Part Number                            | Description  | Colour |
|--|--|--------|
| <b>Blank Panels for Keystone Jacks</b> |  |        |
| NWPP-12KJ-WM                           | 12 Port Blank Panel vertical mount with wall bracket   | Black  |
| NWPP-16KJ                              | 16 Port Blank Panel for keystone jacks, 19" Rack Mount | Black  |
| NWPP-24KJ                              | 24 Port Blank Panel for keystone jacks, 19" Rack Mount | Black  |
| NWPP-48KJ                              | 48 Port Blank Panel for keystone jacks, 19" Rack Mount | Black  |



## NETWORK HOMES

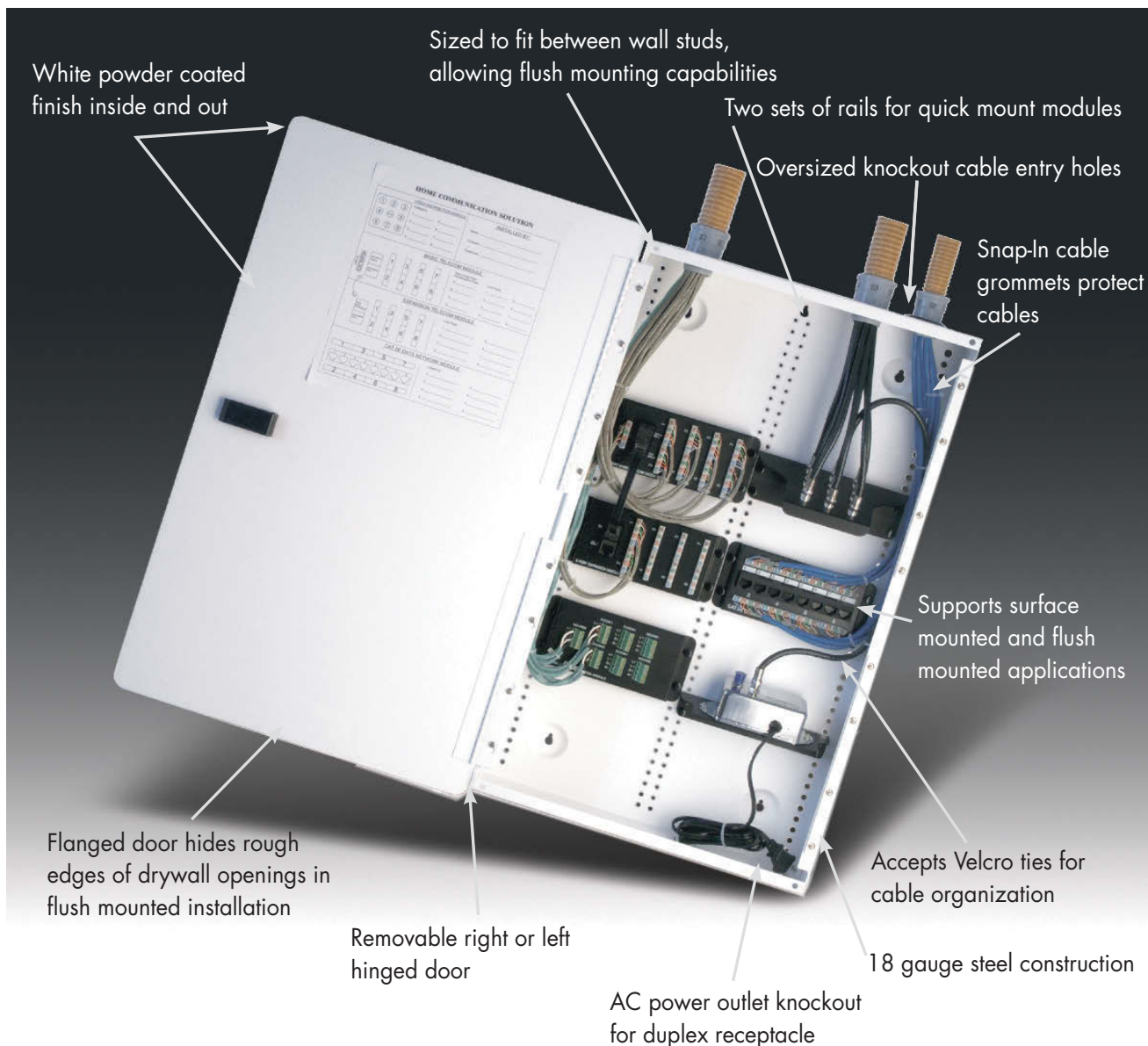
New World Telecom is introducing "Network Homes" for today and future structured cabling of homes. All of our products are manufactured in accordance with EIA / TIA – 570A Residential Telecommunications Cabling Standards.

This standard promotes star configuration cabling (home run) of UTP and Coaxial cable. The standard recognizes two grades of cabling.

Grade one: One UTP and one coaxial series 6 (RG6) to each location.

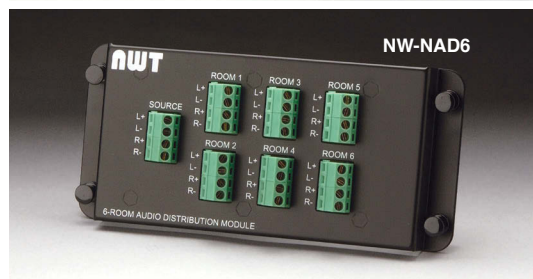
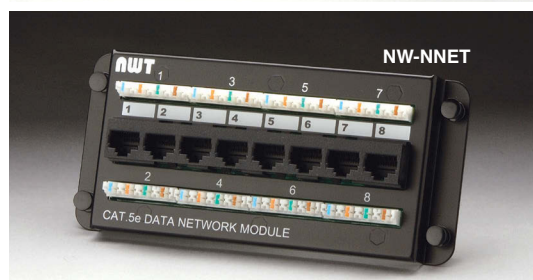
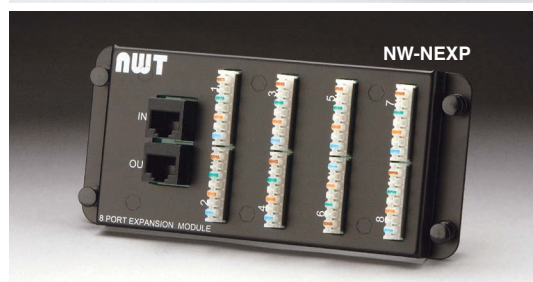
Grade two: Two UTP and two coaxial series 6 (RG6) to each location.

With UTP cable, using Category 6A delivers optimum performance for today and extra headroom for future.



## NETWORK HOMES

New World Telecom offers a complete range of Residential Structured Cabling Products. They are designed to integrate Internet, Computer Networking, Telecommunications, Entertainment, Safety and Automation products into a central enclosure. Several modules are available that allow builders the freedom to customize the basic system.



| Part Number | Description   | Colour |
|-------------|---|--------|
| NW-N14      | 14" Enclosure, 14"H X 14"W X 4"D                      | White  |
| NW-N24      | 24" Enclosure, 24"H X 14"W X 4"D                      | White  |
| NW-N36      | 36" Enclosure, 36"H X 14"W X 4"D                      | White  |
| NW-N48      | 48" Enclosure, 48"H X 14"W X 4"D                      | White  |
| NW-NTEL     | 8 Port Telecom Module with RJ31X and Demarcation Jack |        |
| NW-NEXP     | Telecom Expansion Module, 8 Connectors                |        |
| NW-NNET     | 8 Port Network Module                                 |        |
| NW-NAD6     | 6 Port Audio Distribution Module                      |        |
| NW-NVDM8    | 8 Port Video Distribution F-Type                      |        |
| NW-NVA      | Video Amplifier Module F-Type                         |        |



## WIRE & CABLE

New World Telecom offers cable that is used in voice and networking applications. Fabricated on ultra-modern equipment, these products are guaranteed to meet your installation and performance expectations. The products are tested to the rigors of ANSI / TIA / EIA 568-B.2-10 standards. They also meet the latest UL, CUL, CSA and National Electric Code requirements for inside wiring type cables.



| Part Number    | Description  | Colour      |
|----------------|--|-------------|
| NWT4-424-L6A   | <b>Category 6A Cable</b><br>Cat. 6A, 4 pr., FT4, CMR, solid 23 AWG, 1000 ft./bx.           | Blue        |
| NWT6-424-L6A   | Cat. 6A, 4 pr., FT6, CMP, solid 23 AWG, 1000 ft./bx.                                       | Blue        |
| NWT4-424-L6    | <b>Category 6 Cable</b><br>Cat. 6, 4 pr., FT4, CMR, solid 23 AWG, 1000 ft./bx.             | Blue        |
| NWT6-424-L6    | Cat. 6, 4 pr., FT6, CMP, solid 23 AWG, 1000 ft./bx.  | Blue        |
| NWT4-424-L5E   | <b>Category 5E, 100 Mhz. Cable</b><br>Cat. 5E, 4 pr., FT4, CMR, solid 24 AWG, 1000 ft./bx. | Blue, White |
| NWT6-424-L5E   | Cat. 5E, 4 pr., FT6, CMP, solid 24 AWG, 1000 ft./bx.                                       | Blue, White |
| NWT4-324-L3    | <b>Category 3 (16 MHz) for Voice</b><br>3 pr., FT4, CMR, solid 24 AWG, 1000 ft./bx.        | Grey        |
| NWT6-324-L3    | 3 pr., FT6, CMP, solid 24 AWG, 1000 ft./bx.  | White       |
| NWT4-424-L3    | 4 pr., FT4, CMR, solid 24 AWG, 1000 ft./bx.  | Grey        |
| NWT6-424-L3    | 4 pr., FT6, CMP, solid 24 AWG, 1000 ft./bx.  | White       |
| NWT4-25PR      | 25 pr., FT4, CMR, solid 24 AWG, 1000 ft./bx.   | Grey        |
| NWT6-25PR      | 25 pr., FT6, CMP, solid 24 AWG, 1000 ft./bx.   | White       |
| NCC-1241       | <b>Cross Connect Wire</b><br>1 Pair, WH/ BL – BL/ WH, 24 AWG, 1000'/RI                     |             |
| NCC-1242       | 1 Pair, YL/ BL – BL/ YL, 24 AWG, 1000'/RI  |             |
| NCC-2241       | 2 Pair, WH/ BL – BL/ WH, WH/ OR – OR/ WH, 24 AWG, 1000'/RI                                 |             |
| NFT4-RG6-3G-01 | <b>RG6, 3GHz. Co-axial cable</b><br>RG6, 3GHz. Coaxial cable, 1000 ft./ box                | Black       |





## PATCH CORDS

Premium High Performance 100% Continuity & Transmission Tested. 24 AWG stranded flex-wire for longer bend fatigue life. Modular plugs are 50 micro-inch gold plated. UL and CUL approved, ETL verified, exceeds EIA / TIA-568-B.2-10 specifications of Category 6A, 6 and 5E Standards.



| Part Number   | Description                    | Colour    |
|---|--------------------------------|-----------|
| <b>Category 6A (Augmented) Patch Cords, 550 MHz., 10 Gbps rated</b> |                                |           |
| NWL- CT6A-2-BL  | 2 ft. Category 6A Patch Cord   | BL=Blue   |
| NWL- CT6A-3-BL  | 3 ft. Category 6A Patch Cord   | BL=Blue   |
| NWL- CT6A-7- BL   | 7 ft. Category 6A Patch Cord   | BL=Blue   |
| NWL- CT6A-10- BL  | 10 ft. Category 6A Patch Cord  | BL=Blue   |
| NWL- CT6A-15- BL  | 15 ft. Category 6A Patch Cord  | BL=Blue   |
| NWL- CT6A-25- BL  | 25 ft. Category 6A Patch Cord  | BL=Blue   |
| <b>Category 6 Patch Cords, 250 MHz., 10 Gbps rated</b>              |                                |           |
| NWL-CT6-1-XX  | 1 ft. Category 6 Patch Cord    | XX=Colour |
| NWL-CT6-1.5-XX  | 1.5 ft. Category 6 Patch Cord  | XX=Colour |
| NWL- CT6-2-BL   | 2 ft. Category 6 Patch Cord    | BL=Blue   |
| NWL- CT6-3-XX   | 3 ft. Category 6 Patch Cord    | XX=Colour |
| NWL- CT6-4-BL   | 4 ft. Category 6 Patch Cord    | BL=Blue   |
| NWL- CT6-5-BL   | 5 ft. Category 6 Patch Cord    | BL=Blue   |
| NWL- CT6-7-XX   | 7 ft. Category 6 Patch Cord    | BL=Blue   |
| NWL- CT6-10-XX  | 10 ft. Category 6 Patch Cord   | XX=Colour |
| NWL- CT6-15-BL  | 15 ft. Category 6 Patch Cord   | BL=Blue   |
| NWL- CT6-20-BL  | 20 ft. Category 6 Patch Cord   | BL=Blue   |
| NWL- CT6-25-BL  | 25 ft. Category 6 Patch Cord   | BL=Blue   |
| <b>Category 5E Patch Cords, 100 MHz., 1Gbps rated</b>               |                                |           |
| NWL- CT5E-1B-XX   | 1 ft. Category 5E Patch Cord   | XX=Colour |
| NWL- CT5E-1.5B-XX   | 1.5 ft. Category 5E Patch Cord | XX=Colour |
| NWL- CT5E-2B-BL   | 2 ft. Category 5E Patch Cord   | BL=Blue   |
| NWL- CT5E-3B-BL   | 3 ft. Category 5E Patch Cord   | BL=Blue   |
| NWL- CT5E-5B-BL   | 5 ft. Category 5E Patch Cord   | BL=Blue   |
| NWL- CT5E-7B-XX   | 7 ft. Category 5E Patch Cord   | XX=Colour |
| NWL- CT5E-10B-XX  | 10 ft. Category 5E Patch Cord  | XX=Colour |
| NWL- CT5E-15B-BL  | 15 ft. Category 5E Patch Cord  | BL=Blue   |
| NWL- CT5E-25B-BL  | 25 ft. Category 5E Patch Cord  | BL=Blue   |
| NWL- CT5E-50B-BL  | 50 ft. Category 5E Patch Cord  | BL=Blue   |
| NWL- CT5E-75B-BL  | 75 ft. Category 5E Patch Cord  | BL=Blue   |
| NWL- CT5E-100B-BL   | 100 ft. Category 5E Patch Cord | BL=Blue   |

\* Note: Custom Colours Are Available Upon Request

Category 6A Patch Cords are backward compatible to Category 6, 5E and Category 5.

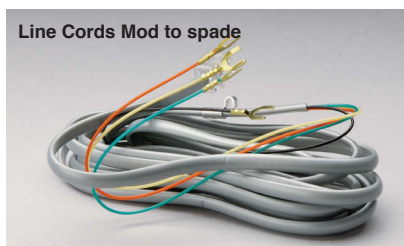
## TELEPHONE CORDS & ASSEMBLIES

### Telephone Line Cords

NWT line cords are available in various lengths and conductors. Standard colour is silver satin. Polarity is reversed for use by majority of telephone systems.

### Telephone Handset Cords

NWT handset cords are made of tinsel wire for longer flex life of coils in the handset cord, available in mod to mod version. Various colours are available from our stock.



| Part Number  | Description  | Colour  |
|--------------|--|---|
|              | <b>4C Telephone Line Cords (6P4C) Mod-Mod</b>      |   |
| NWL-401MM    | 1 ft., 4C, mod-mod                                 | Silver satin  |
| NWL-403MM    | 3 ft., 4C, mod-mod                                 | Silver satin  |
| NWL-407MM    | 7 ft., 4C, mod-mod                                 | Silver satin  |
| NWL-415MM    | 15 ft., 4C, mod-mod                                | Silver satin  |
| NWL-425MM    | 25 ft., 4C, mod-mod                                | Silver satin  |
|              | <b>4C Telephone Line Cords (6P4C) Mod to spade</b> |   |
| NWL-401MS    | 1 ft., 4C, mod-spade                               | Silver satin  |
| NWL-403MS    | 3 ft., 4C, mod-spade                               | Silver satin  |
| NWL-407MS    | 7 ft., 4C, mod-spade                               | Silver satin  |
| NWL-415MS    | 15 ft., 4C, mod-spade                              | Silver satin  |
| NWL-425MS    | 25 ft., 4C, mod-spade                              | Silver satin  |
|              | <b>Handset Cords 4C Mod-Mod</b>                    |   |
| NWH-407MM-XX | 7 ft. Handset cord, mod-mod See colours below      | <div>01=White02=Black03=Ivory04=Almond05=Pastel Gray07=Chameleon gray/Ash11=Platinum15=Charcoal</div> |
| NWH-415MM-XX | 15 ft. Handset cord, mod-mod See colours below     |   |
| NWH-425MM-XX | 25 ft. Handset cord, mod-mod See colours below     |   |
| XX=Colours   |  |   |
|              |  |   |
|              | <b>Flat Line Cordage</b>                           |   |
| NWFC-4C      | 4C Cordage 1000'/Reel                              | Silver satin  |
| NWFC-6C      | 6C Cordage 1000'/Reel                              | Silver satin  |
| NWFC-8C      | 8C Cordage 1000'/Reel                              | Silver satin  |
|              | <b>Telco Assemblies</b>                            |   |
| NWTA-MM-XX   | 50 Pin Telco Male to Male                          | Grey  |
| NWTA-MF-XX   | 50 Pin Telco Male to Female                        | Grey  |
| NWTA-FF-XX   | 50 Pin Telco Female to Female                      | Grey  |
| XX = length  | Available in 15', 20', 30', 60'.                   |   |

## HDMI ACCESSORIES

New World Telecom stocks the latest standards of HDMI Accessories for advanced high-speed Digital Audio and Video Data rates, greater colour depth and higher resolution digital sound. Featuring 28 AWG pure copper cable for up to 30 foot lengths, 24 AWG pure copper cable for 50 foot length with graphic equalizer built-in.



NW-HC



NW-HC-L



NW-P11HDMI



HDMI Patch Cords



Micro Remote

NW-HDMI-SW0401

Back

Front



NW-HDMI-EX1



NW-HDMI-EX2

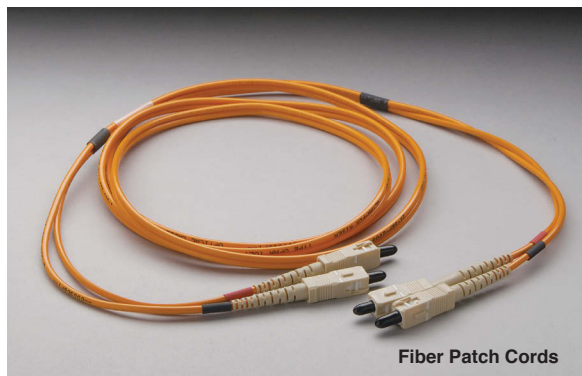
| Part Number                           | Description                                      |
|---------------------------------------|--|
| <b>HDMI Patch Cords, 3D, Internet</b> |  |
| NWL-HDMI-3                            | 3 ft. HDMI Patch Cord, male-male                 |
| NWL-HDMI-7                            | 7 ft. HDMI Patch Cord, male-male                 |
| NWL-HDMI-15                           | 15 ft. HDMI Patch Cord, male-male                |
| NWL-HDMI-20                           | 20 ft. HDMI Patch Cord, male-male                |
| NWL-HDMI-30                           | 30 ft. HDMI Patch Cord, male-male                |
| NWL-HDMI-50                           | 50 ft. HDMI Patch Cord, male-male                |
| <b>HDMI Accessories</b>               |  |
| NW-HC                                 | HDMI Coupler, Female - Female                    |
| NW-HC-L                               | HDMI L - Coupler, Male - Female                  |
| NW-P11HDMI                            | HDMI Female - Female keystone jack               |
| NW-HDMI-SW0401                        | 4 Port HDMI switch, 4 in-1 out with micro remote |
| NW-HDMI-EX1                           | HDMI to 1 UTP Extender, up to 60 metres          |
| NW-HDMI-EX2                           | HDMI to 2UTP Extender, up to 60 metres           |

*We always carry the latest version 3D - Internet - HD - 4K x 2K*

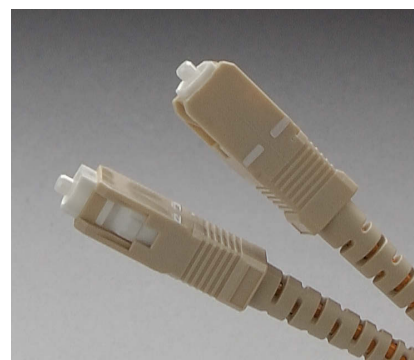
## FIBER OPTICS

High quality fiber cable assemblies from New World Telecom have low insertion loss and long life. Connectors are constructed of ceramic material with strain relief to guard against cable damage. The cables tight buffer construction with flexible members allows for easy installation and longer runs. Suitable for both indoor and outdoor use without additional protection. Also suited for longer distances than copper, unlimited bandwidth and total protection from electrical interference.

We stock a complete line of fiber connectivity products, including Transceivers, Fiber patch panels, Fiber patch cords, Fiber connectors and Fiber cable. Please call our customer service for further information.



Fiber Patch Cords



| Part Number   | Description   |
|---|---|
| <b>Patch Cords – Duplex Multi-mode 62.5mm / 125 mm, SC-SC</b> |   |
| NWF-3-SCSC  | 3 ft. Fiber Patch Cord, duplex multimode, 62.5mm / 125mm  |
| NWF-7-SCSC  | 7 ft. Fiber Patch Cord, duplex multimode, 62.5mm / 125mm  |
| NWF-10-SCSC   | 10 ft. Fiber Patch Cord, duplex multimode, 62.5mm / 125mm |
| NWF-15-SCSC   | 15 ft. Fiber Patch Cord, duplex multimode, 62.5mm / 125mm |
| NWF-25-SCSC   | 25 ft. Fiber Patch Cord, duplex multimode, 62.5mm / 125mm |
| NWF-50-SCSC   | 50 ft. Fiber Patch Cord, duplex multimode, 62.5mm / 125mm |

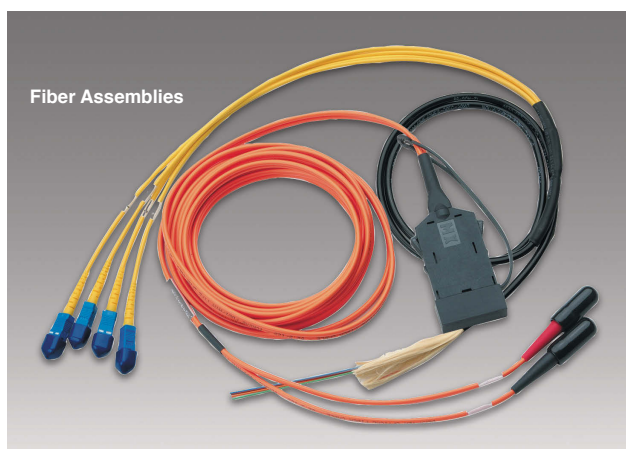


Media Converters

| Part Number             | Description                              |
|-------------------------|--|
| <b>Media Converters</b> |  |
| NWF-SC-100              | 10 / 100 MBPS Media Converter, multimode |
| NWF-SC-1G               | 1 GBPS Media Converter, multimode        |

### Cable Assemblies Ordering Formula

Part No.: NWF \_\_\_\_\_  
 Length \_\_\_\_\_  
 Number of strands \_\_\_\_\_  
 Cable type \_\_\_\_\_  
 Connector 1st end \_\_\_\_\_  
 Connector 2nd end \_\_\_\_\_  
 Pulling eye \_\_\_\_\_



Fiber Assemblies

| No. of strands | Cable type                         | Conn. 1st end | Conn. 2nd end | Pulling eye |
|----------------|------------------------------------|---------------|---------------|-------------|
| Simplex (Sm)   | 8.3/125 $\mu$ m singlemode FT4 (A) | No Conn. (00) | No Conn. (00) | YES (E)     |
| Duplex (Du)    | 50/125 $\mu$ m multimode FT4 (B)   | ST (01)       | ST (01)       | NO          |
| 02 strand (02) | 62.5/125 $\mu$ m multimode FT4 (C) | SC (02)       | SC (02)       |             |
| 04 strand (04) | 8.3/125 $\mu$ m singlemode FT6 (D) | FC (03)       | FC (03)       |             |
| 06 strand (06) | 50/125 $\mu$ m multimode FT6 (E)   | LC (04)       | LC (04)       |             |
| 10 strand (10) | 62.5/125 $\mu$ m multimode FT6 (F) | MTRJ (05)     | MTRJ (05)     |             |
| 12 strand (12) |                                    |               |               |             |
| 24 strand (24) |                                    |               |               |             |
| 48 strand (48) |                                    |               |               |             |



## CABLE MANAGERS

Cable Managers from New World Telecom are designed to accommodate large amounts of cable for high speed networking systems, 19" width supports EIA standards. These Managers are completely flexible to support front or back cable management systems. Designer Cable Managers have multiple entry holes for rear cable feed through.



|             |  |
|-------------|--|
| NWPP-2012PI | 2 RU Ring Horizontal Manager 3.5" X 19"                                |
| NWPP-1U     | 1 RU Blank Horizontal Manager 1.75" X 19"                              |
| NWPP-2U     | 2 RU Blank Horizontal Manager 3.5" X 19"                               |
| NWPP-D1U    | 1 RU Horizontal Manager with snap-in metal door                        |
| NWPP-D2U    | 2 RU Horizontal Manager with hinged door, 3.5" X 19"                   |
| NWPP-2WMD   | 2 RU Designer Horizontal Manager - 24 slots 3.5" X 19"                 |
| NWPP-D1     | D-Ring Vertical Manager 3.6"X1.6"                                      |
| NWPP-D2     | D-Ring Vertical Manager 3.6"X3.0"                                      |
| NWPP-D3     | D-Ring Double Sided Vertical Manager Front: 6.0"X3.0", Back: 4.5"X3.0" |
| NWPP-D4     | D-Ring Double Sided Vertical Manager Front: 6.0"X6.0", Back: 4.5"X6.0" |
| NW-WS       | Spool without screw  |
| NW-WSS      | Spool with screw   |

### TIP

1 RU (Rack Unit) = 1.75"

2 RU (Rack Unit) = 3.50"

4 RU (Rack Unit) = 7.00"

## WALL BRACKETS & RACK SHELVES

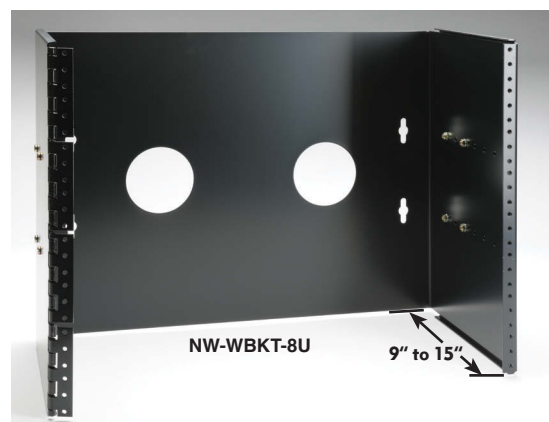
Wall Brackets (Divided hinges and depth adjustable 9" to 15"). New World Telecom offers unique designs for Wall Brackets made according to EIA standards. Available in 1 RU, 2 RU, 4 RU and 8 RU configurations.

### Features:

- Depth adjustable 9" to 15"
- EIA 10-32 drilled and tapped holes.
- Divided Hinges on wall brackets allow easy access to patch panel while equipment is still intact.
- Multiple entry holes allow cables to enter from the rear.
- Designed with steel construction, light weight and sturdy.
- There are various cable tie points for cable management.
- Brackets can be mounted to either right or left hand swing.



|             | <b>Shelves, EIA Standard</b>           |
|-------------|--|
| NW-WBKT-SHF | Wall Bracket Shelf (19.0" x 8.0")      |
| NWRR-FRN    | Front Shelf (19.0" x 15.0")            |
| NWRR-CEN    | Centered Shelf (19.0" x 22.0")         |
| NWRR-KM     | Keyboard Monitor Shelf (19.0" x 23.0") |

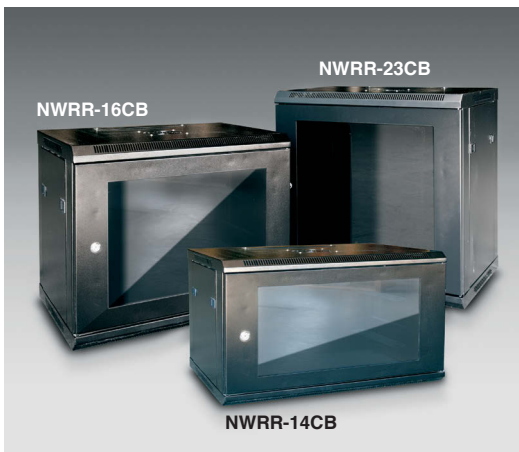


|            | <b>Wall Brackets, Depth Adjustable 9" to 15", Divided Hinges, EIA / TIA</b> |
|------------|---|
| NW-WBKT-1U | 1 RU (1.75") Hinged Wall Bracket, depth adjustable 9" to 15"                |
| NW-WBKT-2U | 2 RU (3.5") Hinged Wall Bracket, depth adjustable 9" to 15"                 |
| NW-WBKT-4U | 4 RU (7.0") Hinged Wall Bracket, depth adjustable 9" to 15"                 |
| NW-WBKT-8U | 8 RU (14.0") Hinged Wall Bracket, depth adjustable 9" to 15"                |

## RELAY RACKS

New World Telecom stocks a wide variety of Relay Racks, Vertical Wire Managers, Vertical Rack Mount Power Bars and durable cable management accessories. EIA standard Relay Racks are sturdy and secure.

These high quality racks are easy to assemble, EIA spaced 10/32 tapped holes are provided on the front mounting flanges to firmly secure your rack mountable devices. Two different sizes are available from stock.



|             |  |
|-------------|--|
| NWRR-47     | Relay Rack 19" X 47"                               |
| NWRR-77     | Relay Rack 19" X 77"                               |
| NWRR-VWM-77 | Vertical Wire Manager 77" Height, with Hinged Door |
| NWRR-SOHK   | Swing Out Hinge Kit for Rack, 2RU                  |
| NWRR-14CB   | 6 RU, 14" Cabinet with Plexi-Door                  |
| NWRR-16CB   | 9 RU, 16" Cabinet with Plexi-Door                  |
| NWRR-23CB   | 12 RU, 23" Cabinet with Plexi-Door                 |
| NWRR-30CB   | 15 RU, 30" Cabinet with Plexi-Door                 |
| NW-PP       | Pack Pole 9'.6", with 6' Power Cord                |
| NWPB-12VM   | 12 Outlet Vertical Power Bar Rack Mount            |



## CABLE TIES

Velcro Type Cable Ties are designed for Category 6A, 6 and 5e performance to manage all Data-Com cabling and can be re-used hundreds of times. Prevents over tensioning of high performance gigabit cabling. Ideal for applications requiring frequent cabling moves, adds or changes.

| Part Number | Description                         | Colour |
|-------------|-------------------------------------|--------|
| NW-V8-BK    | 8" Velcro type cable ties, 100/Bg.  | Black  |
| NW-V12-BK   | 12" Velcro type cable ties, 100/Bg. | Black  |
| NW-V25M-BK  | Velcro Roll 3/4" x 82ft. / 25m      | Black  |



NWT's Nylon Cable Ties are made of one-piece nylon with no metal parts. The straps are tough, resilient, lightweight and abrasion resistant. They offer high tensile strength and are chemically resistant. They install easily by hand or with NWT tooling for pre-selected strap tightness.

| Part No. | Tensile strength        | Length (Inches) | Width (Inches) | Screw hole size |
|----------|-------------------------|-----------------|----------------|-----------------|
| TF-3     | 18 lbs.                 | 3.9"            | 0.100"         |                 |
| TF-4     | 30 lbs.                 | 5.5"            | 0.145"         |                 |
| TF-5     | 50 lbs.                 | 7.9"            | 0.190"         |                 |
| TF-5X    | 50 lbs. (Black outdoor) | 7.9"            | 0.190"         |                 |
| TF-5H    | 50 lbs.                 | 7.9"            | 0.190"         | # 10            |
| TF-5HX   | 50 lbs. (Black outdoor) | 7.9"            | 0.190"         | # 10            |
| TF-6     | 50 lbs.                 | 11.5"           | 0.190"         |                 |
| TF-8     | 50 lbs.                 | 14.0"           | 0.190"         |                 |
| TF-4B    | 18 lbs.                 | 4"              | 0.100"         |                 |
| TF-8B    | 30 lbs.                 | 8"              | 0.145"         |                 |

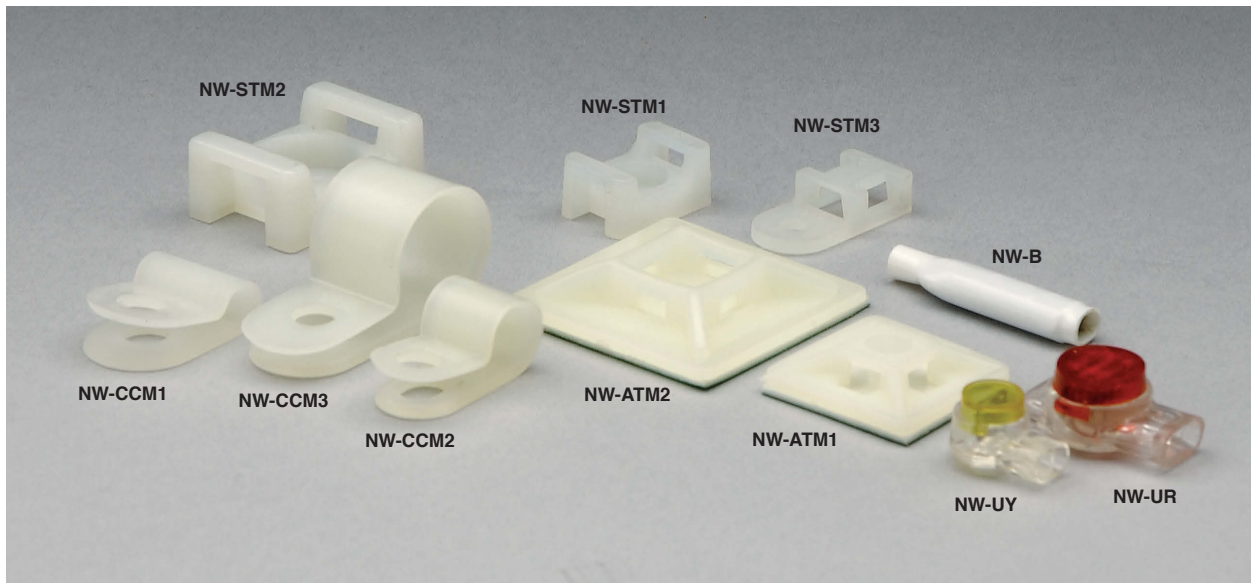


## WIRING PRODUCTS

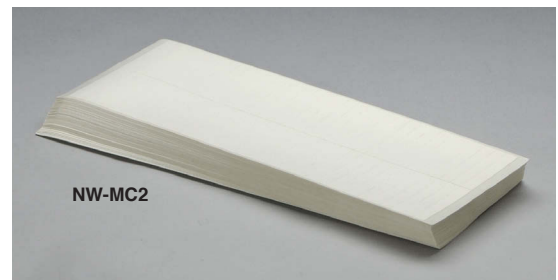
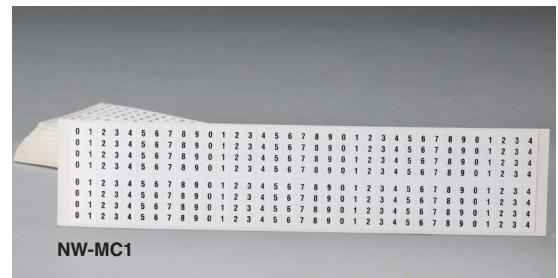
Fast and easy to use, several types of tie mounts are available from stock, from 2-way saddle mount to 4-way adhesive mount.

These clamps are produced using high quality nylon 66, 94V-2.

Cable clamps are available for different size cable diameters



|         |  |
|---------|--|
| NW-ATM1 | 4 Way Adhesive Tie Mount, small, 100/bag |
| NW-ATM2 | 4 Way Adhesive Tie Mount, large, 100/bag |
| NW-STM1 | 2 Way Saddle Tie Mount, small, 100/bag   |
| NW-STM2 | 2 Way Saddle Tie Mount, large, 100/bag   |
| NW-STM3 | Saddle tie mount, 100/bag                |
| NW-CCM1 | Cable clamp, 1/8" 1000/bag               |
| NW-CCM2 | Cable clamp, 1/4" 1000/bag               |
| NW-CCM3 | Cable clamp, 1/2" 1000/bag               |
| NW-B    | B-Connectors, 100/bag. Also 1000/box     |
| NW-UR   | 3 Wire butt connector, 100/bx Red        |
| NW-UY   | 2 Wire butt connector, 100/bx Yellow     |
| NW-MC1  | 1-0 Cable Marker Card, 100/bx.           |
| NW-MC2  | Blank Cable Marker Card, 100/bx.         |



## WIRING DUCTS

**Decora Wiring Ducts** are used to hide cable in an office environment and comes with self adhesive tape for easy installation, colour: white, length: 6.5'.

**Slotted and Solid Wiring Ducts** are especially designed to mount on both sides of the Relay Rack or wall to hide, manage and direct cable at random to their locations.

PVC plastic can be cut easily with a cutter into different sizes for other applications.

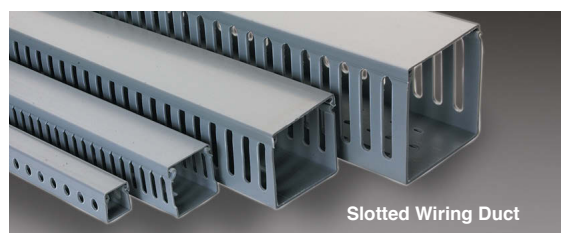
**Spiral Binders** are used to protect and manage all types of bundled cables.



Decora Wiring Duct



Solid Wiring Duct



Slotted Wiring Duct



Spiral Binders

| Part Number                                   | Description                       | Colour  |
|---|-----------------------------------|---------|
| <b>Decora Wiring Ducts with adhesive tape</b> |                                   |         |
| NW-DWD-1/2                                    | 1/2" X 1/2" X 6.5' Decora ducts   | White   |
| NW-DWD-3/4                                    | 3/4" X 1/2" X 6.5' Decora ducts   | White   |
| NW-DWD-1                                      | 1" X 1/2" X 6.5' Decora ducts     | White   |
| NW-DWD-1 1/2                                  | 1 1/2" X 1/2" X 6.5' Decora ducts | White   |
| NW-DWD-2                                      | 2" X 1/2" X 6.5' Decora ducts     | White   |
| <b>Slotted and Solid Wiring Ducts</b>         |                                   |         |
| NW-PWD-1                                      | 1" X 1" X 6.5' solid              | Grey    |
| NW-PWD-1S                                     | 1" X 1" X 6.5' slotted            | Grey    |
| NW-PWD-2                                      | 1.75" X 1.75" X 6.5' solid        | Grey    |
| NW-PWD-2S                                     | 1.75" X 1.75" X 6.5' slotted      | Grey    |
| NW-PWD-3                                      | 3" X 2.5" X 6.5' solid            | Grey    |
| NW-PWD-3S                                     | 3" X 2.5" X 6.5' slotted          | Grey    |
| NW-PWD-4                                      | 4" X 4" X 6.5' solid              | Grey    |
| NW-PWD-4S                                     | 4" X 4" X 6.5' slotted            | Grey    |
| <b>Spiral Binders</b>                         |                                   |         |
| NW-SB24-B                                     | Spiral binder, 32 ft./Bag         | Black   |
| NW-SB24-N                                     | Spiral binder, 32 ft./Bag         | Natural |

## CABLE TESTERS

Testers from New world Telecom are quick and easy to use. These tester units assure cabling will do the job they are rated to do. All telecom and network equipment will then operate at maximum efficiency.

### NW-WTS-501

Linemen's TestSet (by Walker/ Plantronics) meets all the basic needs for Telco standards at a competitive price. Headset port is provided for hands-free operation.



### NW-CTNT (Tone Generator & Tracer Probe Kit)

The Toner and Probe Kit from NWT can easily locate the cables in walls. The Toner can check for shorts and opens using the LED. The Probe has 3 settings to locate cable, Tone, Tone+LED and LED only. Volume control is provided for noisy environments. Carry pouch included.



### NWLCT-1 (LAN Cable Tester)

This LED tester is low cost and portable. It consists of Master and Remote units which perform reliable testing of premise cabling and patch cords. It can test 6C & 8C shielded and non shielded for OPEN, SHORTS, REVERSALS and CROSS pairs. Test status is displayed on LEDs. Carry pouch included.



### NWLCT-2 (Universal Cable Tester)

Universal Cable Tester from New World Telecom is designed to easily read the correct cable pin out configuration. It consists of Master and Remote units which perform a reliable testing of premise cabling and patch cords. Carry pouch included.

It can test:

RJ11: 6P2C, 6P4C

RJ12: 6P6C

RJ45: 8P8C

T568A/ T568B : 8P8C

USB : A/A, A/B

Coax: F-Type, BNC, RCA





## Tools

Tools from New World Telecom are versatile and easy to use. High quality steel ensures longer life and accurate alignment of the die gives a precision crimp every time.



|              |  |
|--------------|--|
| NWCT-4P      | 4 position 4P4C for Telephone Handset Cords  |
| NWCT-6P      | 6 position 6P6C, 6P4C, 6P2C for Telephone Line Cords   |
| NWCT-8P      | 8 position for 8P8C Data Patch Cords   |
| NWCT-AIORT   | All In One Ratchet Tool 8P for Data Patch Cords, 6P for Telephone Line Cords, 4P for Telephone handset cord, DEC for offset 6P Mod plugs |
| NWCT-UNI-RCT | Universal Ratchet Tool 6P for Line Cords and 8P for Data Patch Cords   |
| NWCT-C       | Precise Cutter   |
| NWCT-CC      | Cable Cutter for RG58, RG59, RG6, RG7, RG11, UTP & STP cables  |
| NWCT-CS1     | Precise Stripper and Cutter 10 – 22 AWG  |
| NWCT-CS2     | Precise Stripper and Cutter 20 – 30 AWG  |
| NWCT-RCC     | Ratchet Cable Cutter, 1 3/8" (35mm) dia, up to 200 pair UTP cable.   |



## Tools



NWCT-110



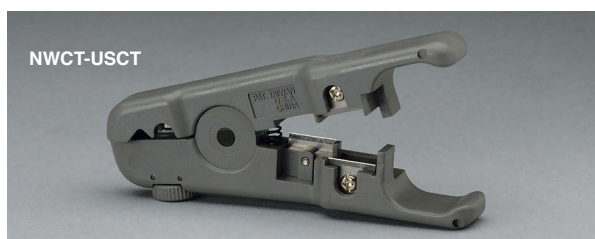
NWCT-66



NWCT-110Y



NWT-16A



NWCT-USCT



NWCT-STR



NWCT-COAX



NWCT-UCS



NWCT-SRG



NWCT-PSCT

|            |  |
|------------|--|
| NWCT-110   | 110 type Punch tool  |
| NWCT-66    | 66 type Punch tool   |
| NWCT-110 Y | 110 type Punch tool, twist on  |
| NWT-16A    | BIX type punch tool  |
| NWCT-USCT  | Universal stripping tool for Cat.6, Cat.5E, Cat.3 and quad cable   |
| NWCT-STR   | UTP stripping tool with 110 punch tool   |
| NWCT-COAX  | Coax cable stripper for RG6, RG59, RG58 adjustable   |
| NWCT-UCS   | All In One cable stripper for UTP, STP, RG58, RG59, RG6, RG7, RG11, Flat cable, with cutter  |
| NWCT-SRG   | Mini COAX stripping tool for RG6 & RG59  |
| NWCT-PSCT  | Push & Seal compression crimp tool for F-type, BNC, RCA and all angled types.  |
| NWCT-AIOCT | All In One Push & Seal compression crimp tool for F-type, BNC, RCA and all angled types. It can also crimp all other manufacturers connectors. |



NWCT-AIOCT

## Tools



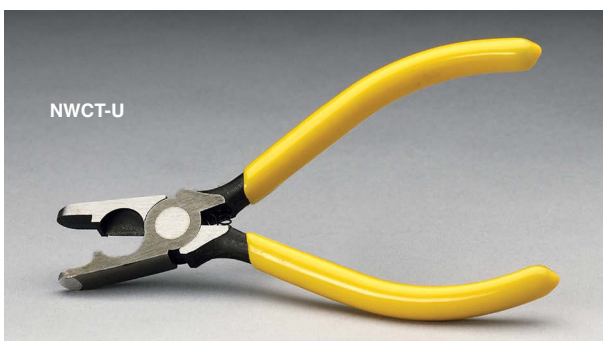
NWCT-ACS



NWCT-NT



NWCT-RGIE



NWCT-U



NWCT-ACS

Adjustable cable splitter, 4.2 mm - 25 mm (0.18" - 1") diameter

NWCT-NT

Nibbling tool, cuts up to 18 AWG soft metal

NWCT-RGIE

Space enlarger for RG59 and RG6 cable jacket. It also insert F-type connector

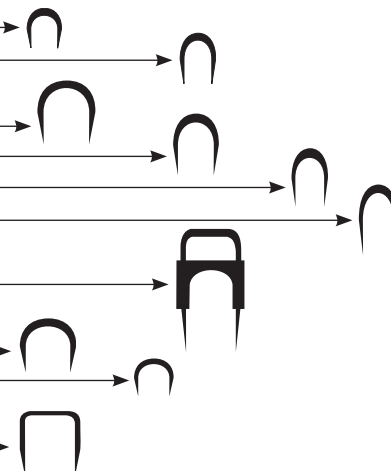
NWCT-U

Crimp tool for U-type connectors

## Staple Gun and Staples

"ARROW, The Standard of excellence by which all others are judged."

| Part Number | Description                       |
|-------------|-----------------------------------|
| T-18        | Staple gun ( 3/16" dia)           |
| T-18-3/8"   | Staples 3/8", 5000/bx.            |
| T-18-7/16"  | Staples 7/16", 5000/bx.           |
| T-25        | Staple gun (1/4" dia)             |
| T-25-9/32"  | Staples 9/32", 5000/bx.           |
| T-25-3/8"   | Staples 3/8", 5000/bx.            |
| T-25-7/16"  | Staples 7/16", 5000/bx.           |
| T-25-9/16"  | Staples 9/16", 5000/bx.           |
| T-59        | Staple gun (1/4" to 5/16" dia)    |
| T-591168    | Insulated Staples 1/4"X1/4" clear |
| T-37        | Staple gun (5/16" dia)            |
| T-37-1/2"   | Staples 1/2", 5000/bx.            |
| T-37-9/16"  | Staples 9/16", 5000/bx.           |
| T-75        | Staple gun (1/2" dia)             |
| T-75-5/8"   | Staples 5/8", 1000/pk.            |



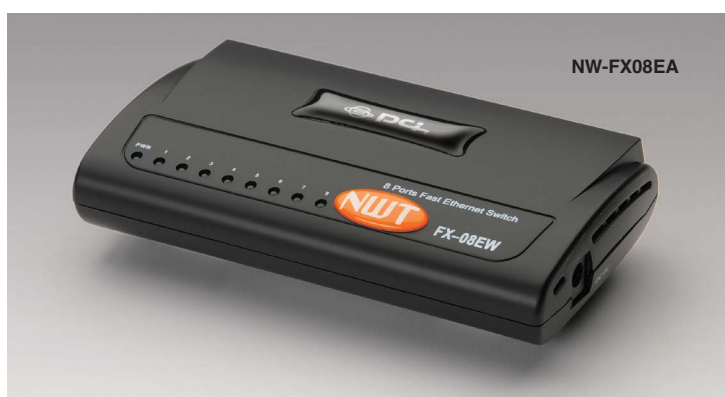
## NETWORK SWITCHES 10/100 MBPS

### 10 /100 MBPS SWITCHES

- All NWT Switches support Auto MDI/X
- High communication efficiency achieved via Flow Control
- Fan-less, noiseless design/lightweight plastic body for 5 & 8 port switches
- 19-inch rack-mount kit included for 16 and 24 port metal body switches



NW-FX05EA



NW-FX08EA

|           |   |
|-----------|---|
| NW-FX05EA | 5 Port 10/100 MBPS Switch                 |
| NW-FX08EA | 8 Port 10/100 MBPS Switch                 |
| NW-FX16A  | 16 Port 10/100 MBPS Switch 19" Rack Mount |
| NW-FX24A  | 24 Port 10/100 MBPS Switch 19" Rack Mount |



NW-FX16A



NW-FX24A

## NETWORK SWITCHES GIGABIT

### Gigabit 10 /100 /1000 MBPS Switches

New World Telecom provides an end to end solution for all your networking requirements, including our new high performance Gigabit network cards and switches. The switch will improve your backbone bandwidth up to 10 times without re-wiring your cabling system. It is adaptable to existing Category 5e cabling and with full duplex function the switch can transmit and receive at 1000 MBPS. This new copper based Gigabit switch is powered by a non-blocking 6.4 Gbps backplane. Backward compatible with 100 Mbps and 10 Mbps.



NW-FXG-05



NW-FXG-08



NW-FXG-16



NW-FXG-24



NW-CS1016G-16P



NW-CS1024G-24P

|                |  |
|----------------|--|
| NW-FXG-05      | 5 Port 10/100/1000 MBPS Gigabit Switch                       |
| NW-FXG-08      | 8 Port 10/100/1000 MBPS Gigabit Switch                       |
| NW-FXG-16      | 16 Port 10/100/1000 MBPS Gigabit Switch, QOS, 19" Rack Mount |
| NW-FXG-24      | 24 Port 10/100/1000 MBPS Gigabit Switch, QOS, 19" Rack Mount |
| NW-CS1008G-8P  | 8 Port Gigabit POE Switch, 80 W                              |
| NW-CS1016G-16P | 16 Port Gigabit POE Switch, 250 W                            |
| NW-CS1024G-24P | 24 Port Gigabit POE Switch, 380 W                            |
| NW-AM3008-8P   | 8 Port Access Point Controller                               |



NW-AM3008-8P



NW-1008G-8P



## WIFI & MORE

Simple compact WiFi products from New World Telecom uses the latest IEEE-802.11n technology - backward compatible to 802.11b & g. Several configurations are available featuring WPS security, internal antenna, manual security switch, ROHS compliant and Energy saving Green AP.

NW-MZK-MF300N



NW-MZK-EX300N2



NW-GW-SC150N



NW-MZK-SA150N



NW-IW100GX-N



NW-MZK-WG300NX



NW-EQN-AP300E



NW-WM100G-N



NW-PL-UMW01



|                |   |
|----------------|---|
| NW-MZK-MF300N  | 3 in 1- Router, Access Point, Converter, 300Mbps  |
| NW-MZK-EX300N2 | WiFi Extender 300 Mbps, IEEE802.11n   |
| NW-GW-SC150N   | Ethernet Wireless Converter – IEEE802.11n, 150 Mbps   |
| NW-MZK-SA150N  | Simple Access Point, IEEE802.11N, 150Mbps   |
| NW-MZK-WG300NX | Wireless LAN Router, IEEE802.11n, 300 MBPS, USB, 3G   |
| NW-EQN-AP300E  | Ceiling Mount Access Point 300 Mbps, POE, IEEE802.11n   |
| NW-PL-UMW01    | USB Magic Switch. Enables direct connectivity between 2 computers enabling seamless data sharing and file transfer. |
| NW-IW100GX-N   | Flush Mount POE Access Point, 11n, 150 Mbps, 800 mW   |
| NW-WM100G-N    | Surface Mount POE Access Point, 11n, 150 Mbps, 800 mW   |

## TELECOM ACCESSORIES



NW-TS

NWPB-10P  
NWPB-10PR  
NWPB-15T

NW-HTT-XX



NWPB-1



NW-HTM-XX

| Part Number | Description  |
|-------------|--|
| NW-TS       | <b>Telephone Stand</b><br>Telephone Stand, works with any wall mount phone   |
| NWPH-10P    | <b>Horns</b><br>10 Watt Horn with built-in amplifier, includes Power Supply  |
| NWPH-10PR   | 10 Watt Horn with built-in amplifier & Ringer, includes Power Supply   |
| NWTH-15T    | 70V Horn   |
| NW-RFIBX    | <b>RF Filter</b><br>RFI Filter, filters unwanted radio frequencies on telephone line.                                |
| NW-HTT-XX   | <b>Meridian Handsets for M-Series and T-Series</b><br>T-Series Handset<br>XX=Colour : 11=Platinum : 15=Charcoal Grey |
| NW-HTM-XX   | M-Series Handset<br>XX=Colour : 02=Black : 05=Pastel Grey : 07=Chameleon Grey Ash                                    |
| NWPB-1      | <b>Power Bars</b><br>6 Outlet Power Bar with 4 ft. cord, on/off & reset switch, surge protector                      |
| NW-SL64     | Phone Strobe light. 64 LED - Adjustable flash CO Line, Dry Contact. Power supply included                            |



NW-RFIBX



NW-SL64

## WIRING CHART

| 25 Pair Cable<br>Colour Code                 | Telco Pin # | USOC<br>RJ11<br>6P4C | USOC<br>RJ12<br>6P6C | USOC<br>RJ45<br>8P8C | T568B<br>8P8C | T568A<br>8P8C | 10/100<br>BaseT<br>8P4C | 256A<br>8P6C | DEC<br>MMJ<br>6P4C | DEC<br>MMJ<br>6P6C |
|--|-------------|----------------------|----------------------|----------------------|---------------|---------------|-------------------------|--------------|--------------------|--------------------|
| White/ Blue                                  | 26          | 4                    | 4                    | 5                    | 5             | 5             | 1                       | 5            | 2                  | 2                  |
| Blue/ White                                  | 1           | 3                    | 3                    | 4                    | 4             | 4             | 2                       | 4            | 3                  | 3                  |
| White/ Orange                                | 27          | 2                    | 2                    | 3                    | 1             | 3             | 3                       | 1            | 5                  | 5                  |
| Orange/ White                                | 2           | 5                    | 5                    | 6                    | 2             | 6             | 6                       | 2            | 4                  | 4                  |
| White/ Green                                 | 28          | 4                    | 1                    | 2                    | 3             | 1             | 1                       | 3            | 2                  | 1                  |
| Green/ White                                 | 3           | 3                    | 6                    | 7                    | 6             | 2             | 2                       | 6            | 3                  | 6                  |
| White/ Brown                                 | 29          | 2                    | 4                    | 1                    | 7             | 7             | 3                       | 5            | 5                  | 2                  |
| Brown/ White                                 | 4           | 5                    | 3                    | 8                    | 8             | 8             | 6                       | 4            | 4                  | 3                  |
| White/ Slate                                 | 30          | 4                    | 2                    | 5                    | 5             | 5             | 1                       | 1            | 2                  | 5                  |
| Slate/ White                                 | 5           | 3                    | 5                    | 4                    | 4             | 4             | 2                       | 2            | 3                  | 4                  |
| Red/ Blue                                    | 31          | 2                    | 1                    | 3                    | 1             | 3             | 3                       | 3            | 5                  | 1                  |
| Blue/ Red                                    | 6           | 5                    | 6                    | 6                    | 2             | 6             | 6                       | 6            | 4                  | 6                  |
| Red / Orange                                 | 32          | 4                    | 4                    | 2                    | 3             | 1             | 1                       | 5            | 2                  | 2                  |
| Orange/ Red                                  | 7           | 3                    | 3                    | 7                    | 6             | 2             | 2                       | 4            | 3                  | 3                  |
| Red / Green                                  | 33          | 2                    | 2                    | 1                    | 7             | 7             | 3                       | 1            | 5                  | 5                  |
| Green/ Red                                   | 8           | 5                    | 5                    | 8                    | 8             | 8             | 6                       | 2            | 4                  | 4                  |
| Red / Brown                                  | 34          | 4                    | 1                    | 5                    | 5             | 5             | 1                       | 3            | 2                  | 1                  |
| Brown/ Red                                   | 9           | 3                    | 6                    | 4                    | 4             | 4             | 2                       | 6            | 3                  | 6                  |
| Red / Slate                                  | 35          | 2                    | 4                    | 3                    | 1             | 3             | 3                       | 5            | 5                  | 2                  |
| Slate/ Red                                   | 10          | 5                    | 3                    | 6                    | 2             | 6             | 6                       | 4            | 4                  | 3                  |
| Black/ Blue                                  | 36          | 4                    | 2                    | 2                    | 3             | 1             | 1                       | 1            | 2                  | 5                  |
| Blue/ Black                                  | 11          | 3                    | 5                    | 7                    | 6             | 2             | 2                       | 2            | 3                  | 4                  |
| Black / Orange                               | 37          | 2                    | 1                    | 1                    | 7             | 7             | 3                       | 3            | 5                  | 1                  |
| Orange/ Black                                | 12          | 5                    | 6                    | 8                    | 8             | 8             | 6                       | 6            | 4                  | 6                  |
| Black / Green                                | 38          | 4                    | 4                    | 5                    | 5             | 5             | 1                       | 5            | 2                  | 2                  |
| Green/ Black                                 | 13          | 3                    | 3                    | 4                    | 4             | 4             | 2                       | 4            | 3                  | 3                  |
| Black / Brown                                | 39          | 2                    | 2                    | 3                    | 1             | 3             | 3                       | 1            | 5                  | 5                  |
| Brown/ Black                                 | 14          | 5                    | 5                    | 6                    | 2             | 6             | 6                       | 2            | 4                  | 4                  |
| Black / Slate                                | 40          | 4                    | 1                    | 2                    | 3             | 1             | 1                       | 3            | 2                  | 1                  |
| Slate/ Black                                 | 15          | 3                    | 6                    | 7                    | 6             | 2             | 2                       | 6            | 3                  | 6                  |
| Yellow/ Blue                                 | 41          | 2                    | 4                    | 1                    | 7             | 7             | 3                       | 5            | 5                  | 2                  |
| Blue/ Yellow                                 | 16          | 5                    | 3                    | 8                    | 8             | 8             | 6                       | 4            | 4                  | 3                  |
| Yellow / Orange                              | 42          | 4                    | 2                    | 5                    | 5             | 5             | 1                       | 1            | 2                  | 5                  |
| Orange/ Yellow                               | 17          | 3                    | 5                    | 4                    | 4             | 4             | 2                       | 2            | 3                  | 4                  |
| Yellow / Green                               | 43          | 2                    | 1                    | 3                    | 1             | 3             | 3                       | 3            | 5                  | 1                  |
| Green/ Yellow                                | 18          | 5                    | 6                    | 6                    | 2             | 6             | 6                       | 6            | 4                  | 6                  |
| Yellow / Brown                               | 44          | 4                    | 4                    | 2                    | 3             | 1             | 1                       | 5            | 2                  | 2                  |
| Brown/ Yellow                                | 19          | 3                    | 3                    | 7                    | 6             | 2             | 2                       | 4            | 3                  | 3                  |
| Yellow / Slate                               | 45          | 2                    | 2                    | 1                    | 7             | 7             | 3                       | 1            | 5                  | 5                  |
| Slate/ Yellow                                | 20          | 5                    | 5                    | 8                    | 8             | 8             | 6                       | 2            | 4                  | 4                  |
| Violet/ Blue                                 | 46          | 4                    | 1                    | 5                    | 5             | 5             | 1                       | 3            | 2                  | 1                  |
| Blue/ Violet                                 | 21          | 3                    | 6                    | 4                    | 4             | 4             | 2                       | 6            | 3                  | 6                  |
| Violet / Orange                              | 47          | 2                    | 4                    | 3                    | 1             | 3             | 3                       | 5            | 5                  | 2                  |
| Orange/ Violet                               | 22          | 5                    | 3                    | 6                    | 2             | 6             | 6                       | 4            | 4                  | 3                  |
| Violet / Green                               | 48          | 4                    | 2                    | 2                    | 3             | 1             | 1                       | 1            | 2                  | 5                  |
| Green/ Violet                                | 23          | 3                    | 5                    | 7                    | 6             | 2             | 2                       | 2            | 3                  | 4                  |
| Violet / Brown                               | 49          | 2                    | 1                    | 1                    | 7             | 7             | 3                       | 3            | 5                  | 1                  |
| Brown/ Violet                                | 24          | 5                    | 6                    | 8                    | 8             | 8             | 6                       | 6            | 4                  | 6                  |
| Violet / Slate                               | 50          | -                    | -                    | -                    | -             | -             | -                       | -            | -                  | -                  |
| Slate/ Violet                                | 25          | -                    | -                    | -                    | -             | -             | -                       | -            | -                  | -                  |
| # Of modular<br>jacks per<br>telco connector |             | 12                   | 8                    | 6                    | 6             | 6             | 12                      | 8            | 12                 | 8                  |

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