

# Hybrid Network Products

## CATV/Fiber (HFC)

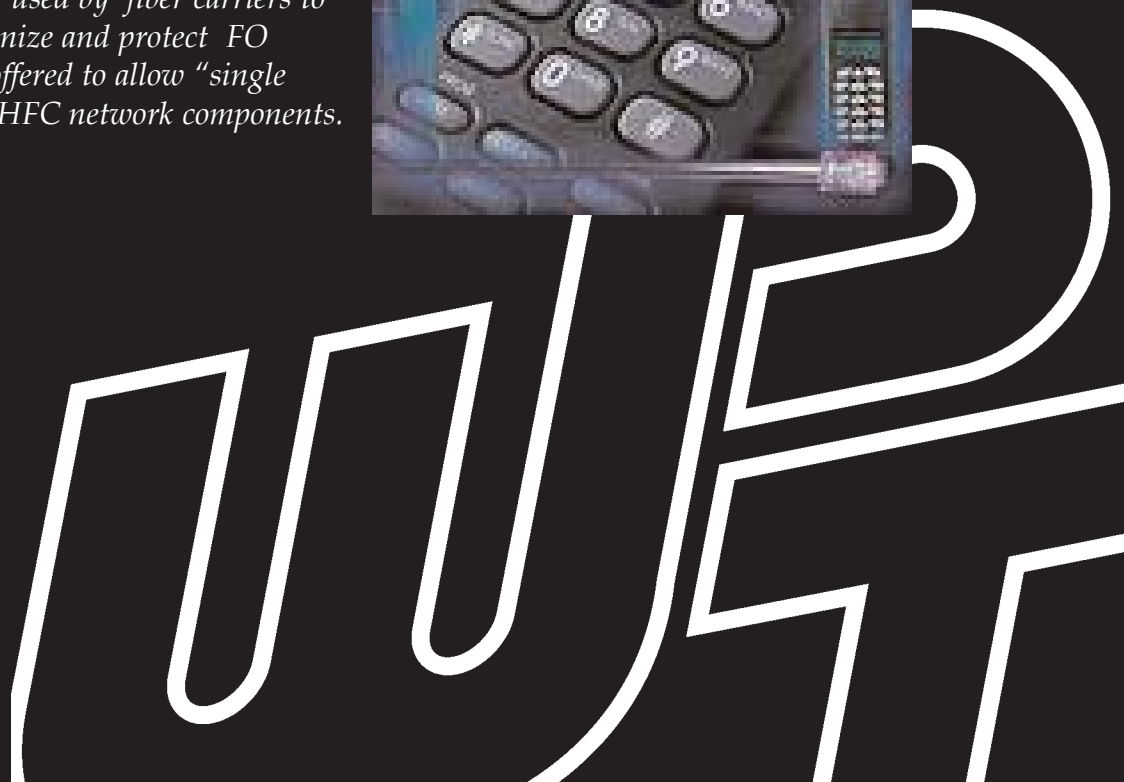
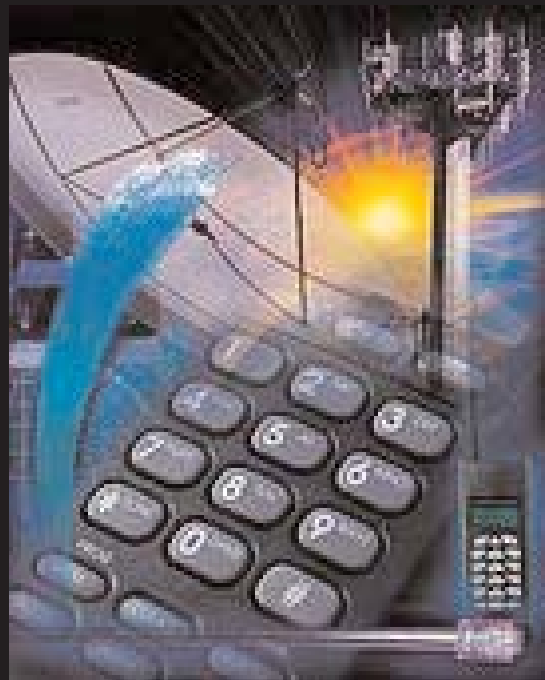
*Triple play networks of the 21st century are quickly tending toward a mix of technologies to reduce costs, improve customer service and provide a potential long term solution to innovations as yet to be conceived.*

*In fact, Multiple System Operators (MOS) is a term commonly used to designate the new network carriers confronted with optimizing a mix of technologies to satisfy an exploding consumer demand for more content, greater speed within the context of new communications protocols.*

*The combination of optical fiber and coaxial cable, referred to as Hybrid Fiber Coax (HFC) networks, is one option for MOS's with an installed base of coaxial cable in the "last mile".*

*WPT offers a wide variety of coaxial connecting, conditioning and amplifying components as well as mounting hardware, tools and supplies.*

*In addition, WPT fiber optic closure systems; long used by fiber carriers to connect, organize and protect FO splices - are offered to allow "single sourcing" of HFC network components.*



# Your single source for Hybrid Network Products - CATV

## CATV 1GHz Splitters

- Bandwidth of 5.0MHz to 1.0GHz for CATV Networks.
- RFI Shielding of 120dB achieved with solder bottom around.
- Zinc die-cast housing with nickel plating.
- Precision machined SCTE compliant 360° flat "F" port base.
- "F" ports are 1" on center to accommodate security tools.
- Meets SCTE configuration.
- Available in 2 to 8-way configurations.



### WPT Part Numbers

2-way = WPBB104001  
3-way = WPBB104002  
4-way = WPBB104003  
6-way = WPBB104004  
8-way = WPBB104005

## CATV 950MHz to 2.3GHz Splitters

- Bandwidth of 950MHz to 2.3GHz for satellite bands.
- Available in one port power pass or all ports power pass. Power passing 24VDC - 0.5A max.
- RFI shielded zinc die-cast housing with nickel plating.
- All ports are "F" female connectors @ 75ohm.
- Available in 2 to 8-way configurations.



### WPT Part Numbers

2-way = WPBB104101  
3-way = WPBB104102  
4-way = WPBB104103  
6-way = WPBB104104  
8-way = WPBB104105

## Satellite/Terrestrial Combiners/Separators

- Wide band up to 2.3GHz.
- Used for the combination or separation of satellite and terrestrial signals.
- One port power passing, satellite port to common, and terrestrial port power passing which is ideal for power to preamplifier or outdoor amplified antenna.
- RFI shielded zinc die-cast housing with nickel plating.



### WPT Part Numbers

2-way =  
3-way =

## Line Amplifiers 5MHz to 2.3GHz

- RFI zinc die-cast housing with nickel plating.
- All ports are "F" female connectors @ 75ohms.
- All ports power passing 24VDC @ 0.5A max.
- Sloping typeequalizing characteristic curve.
- Surface mount technology for great frequency response.
- 22KHz compatible.



### WPT Part Numbers

1-in/1-out = WPBB105001

## CATV 1GHz Outdoor Taps

- CATV outdoor use, 5MHz to 1.0GHz.
- Aluminum alloy housing with anti-corrosion paint and weather-sealed neoprene.
- Interwoven metallic gasket for excellent RFI shielding.
- All tap ports are neoprene sealed and nickel-plated "F" connectors.
- Versatile, designed for both strand and pedestal mounting.
- Stainless steel hardware for aerial mounting.
- A removable plastic cover for protecting electrical components.
- Available in 2 to 8-way configurations.
- High current type also available.



### WPT Part Numbers

2-way = WPBB106001      6-way = WPBB106004  
3-way = WPBB106002      8-way = WPBB106005  
4-way = WPBB106003

## CATV 1GHz Outdoor Directional Couplers

- CATV outdoor use, 5MHz to 1.0GHz.
- 10A power capability.
- High current type also available.
- Available in 2 to 8-way configurations.
- Aluminum alloy housing with weather-sealed neoprene.
- Interwoven metallic gasket for excellent RFI shielding.
- Versatile, designed for both strand and pedestal mounting.
- Stainless steel hardware for aerial mounting.
- All line passive have built-in fuse for power holder pass control.



### WPT Part Numbers

2-way = WPBB107001  
3-way = WPBB107002  
4-way = WPBB107003  
6-way = WPBB107004  
8-way = WPBB107005



# V/Fiber Optic (HFC) for Multi-Service Operators (MOS)

## CATV 1GHz 90° Adapter

- Designed to provide a superior connection and easy installation.
- Superior power capability up to 14A.
- Environmentally sealed utilizing UV ozone resistant ethylene propylene o-rings.

### WPT Part Number

2-way = WPBB106001



## CATV 5/8" "F" Female Entry Adapter

- 5/8" male to "F" female.
- "F" female (3/8-32 UNEF) accepts 0.6~1.2 pin
- Pin length  $\varnothing$  1.8x47mm

### WPT Part Number

2-way = WPBB106001



## CATV BNC Plug Connectors

- Available in bandwidth to 4GHz.
- Constructed of nickel-plated copper.
- Quick connect coupling makes connections easy.
- Ideal for applications where impedance match is critical.
- Available in both tri- and quad-configurations.

### WPT Part Number

2-way = WPBB106001



## CATV One-piece Drop Connectors

- Ensures superior RF shielding performance.
- Constructed of nickel-plated copper.
- Easy, one-step installation.
- Quad sealed system prevents moisture migration.

### WPT Part Number

2-way = WPBB106001



## CATV Crimp Type Connectors

- Makes connections simple and easy.
- Nickel plated, brass construction.

### WPT Part Number

2-way = WPBB106001



## FireFly "S" Series In-line Fiber Optic Closure

- May be used for cut, uncut and taut sheath applications.
- May be used with all fiber optic cable.
- Sheath retention & central strength member termination system.
- Ribbed closure construction - lightweight plastic offers strength and resistance to chemical and U.V. attack.
- Re-enterable and reusable.
- All hardware is fo stainless steel.
- All nuts and bolts are captivated.
- Closure may be flash tested.
- Fiber optic trays may be stacked or hinged.
- Will hold up to 6 splice trays (depending upon tray size) or 72 fiber optic splices.
- Maximum of 4 cable entries per end.
- Closure will accommodate fiber optic trays from various mfgs.

### WPT Part Number

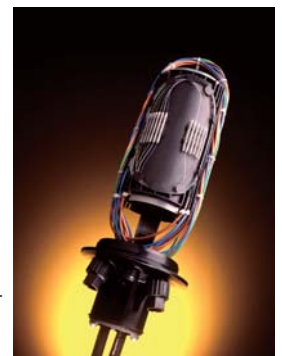
2-way = WPBB106001



## FireFly "D" Series Dome-Type Fiber Optic Closure

- Excellent cable sheath retention system.
- Cover is easily removed to access fibers for maintenance without disturbing cable entry seals.
- May be used for cut and uncut cable sheath applications.
- May be used with all fiber optic cable.
- Re-enterable and reusable.
- Closure may be flash tested.
- Will hold up to 2 splice trays or 24 fiber optic splices.
- Maximum of 2 main cable entries per endplate with provisions for up to 5 secondary cable entry/exit holes.

### WPT Part Number: WPBB106001



## FireFly "Z" Fiber Optic Closure

- May be used with all FO cable.
- Sheath retention & central strength member termination system.
- Chemical and U.V. resistant.
- Re-enterable and reusable.
- All hardware is of stainless steel.
- All nuts and bolts are captivated.
- Closure may be flash tested.
- Slide lock secures closure halves without nuts, bolts or hardware.
- Will hold up to 6 splice trays or 72 fiber optic splices.

### WPT Part Number:

2-way = WPBB106001



### Water Seal Re-enterable Drop Splice

- A quick and easy way to install, re-enterable drop splices for coaxial cable repair or maintenance.

**WPT Part Number**  
WPBB106001



### CATV Drop Clamps

- Manufactured from metal and/or corrosion-U.V. resistant plastic.

**WPT Part Numbers**  
No 1 = WPBB106001  
No 2 =  
No 3 =



### Coaxial Cable Crimping Tool

- For crimping coaxial cable on connectors.

**WPT Part Number**  
WPBB106001



### Stainless Steel Banding Strap

- Band and buckle can be made to fit virtually any diameter.

- A non-magnetic, stainless steel strap used for cable bundling, securing signs and many other applications.

- Excellent corrosion resistance.
- Available in type 201, 304 and 316 stainless steel and a variety of widths.

**WPT Part Number**  
Roll = WPBB106001



### Line Installation Hardware

- Strong metal hardware for durability and long life in all field applications.

**WPT Part Numbers**  
No 1 = WPBB106001  
No 2 =  
No 3 =  
No 4 =  
No 5 =  
No 6 =



### Coaxial Cable Stripping Tool

- For stripping coaxial cables prior to installing connectors.

**WPT Part Number**  
WPBB106001



### Stainless Steel Banding Strap Buckle

- A non-magnetic, stainless steel buckle used for securing stainless steel banding strap.

- Excellent corrosion resistance.
- Available in type 201, 304 and 316 stainless steel.

**WPT Part Number**  
Pair = WPBB106001



### Heat Shrink Sleeves

- High quality heat shrink sleeves used for protecting splices from the environment.

**WPT Part Numbers**  
1" Width = WPBB106001  
2" Width =  
3" Width =  
5" Width =



### MK-216+ Line Tool

- A multi-purpose tool for a variety of CATV and TELCO applications.

- 3/89" & 7/16" hex heads
- 3 size drop wire splitter.
- 4 size wire stripper.

**WPT Part Number**  
WPBB106001



### Locking Termination Tool

- Terminates RF signals and secures "F" connectors from unwanted tampering.

**WPT Part Number**  
WPBB106001



### Banding Strap Tensioning Tool

- A sturdy easy-to-use tool for the installation and tensioning of stainless steel banding straps..

- Can be used for banding strap up to 3/4" wide.

**WPT Part Number**  
WPBB106001



### Jacket-Wrap

Jacket-Wrap is a rubber based mastic composite of EPDM on one side and butyl rubber based adhesive on the other. These two components are combined to form a "tough" tape that provides an effective alternative for a variety of industrial applications under adverse environmental conditions.

- Corrosion Resistant
- Moisture Resistant
- Gasoline Resistant
- Abrasion Resistant
- U.V. Resistant

**WPT Part Number**  
1 Roll =



### CATV Installation/Security Shield Tool

- Used to protect "F" connectors on taps, ground blocks and converters from unwanted tampering.

**WPT Part Number**  
WPBB106001



### Stainless Steel Lashing Wire

- A non-magnetic, stainless steel wire used for securing aerial cables to support strands.
- Excellent corrosion resistance.

**WPT Part Number**  
Roll = WPBB106001



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