

## *Trompeter RF Products Overview*



# Telecom and Enterprise Products

## OUTSIDE PLANT AND PREMISE DS3 PRODUCTS

### Lighting protected Monitor Distribution Module

- Pass through BNC 75 ohm jacks with monitor ports
- Fully lightning protected for secure grounding
- Enabling point of termination (POT) handoff points with test ports
- Rack mounted configurations, both vertical and horizontal layouts
- Available in low cost premise version without gas tube protection



### Telco Line Test Monitor Module

- In-line test and monitoring module
- For central offices with remote-provisioned network equipment
- Enables quick access for bit error rate testing



### M4Flex™ Edge-of Network Connectivity

- Subpanel system for flexible mixed wireline termination/ routing
- Subpanel options:
  - Universal subpanel with BNC, F, RJ45, RCA, and SC keystone inserts
  - DDM-2 for wiring closet deployment of DS3 line rates
  - DDPM-2 with gas-tube protection for OSP deployment
- Panel enclosure options:
  - Lockable wall-mount enclosure – holds 4 subpanels
  - L-bracket for interior wiring closet – holds 3 subpanels
  - 1 9” or 23” 1RU rack panel, holds 3-4 subpanels

## CARRIER CLASS PCB-MOUNTED JACKS

### BNC Right Angle Jacks

- Best case telco electricals for minimal return loss characteristics
- Carrier Class design



### BNC Straight Jacks

- Workhorse design for backplane coaxial distribution panels popular in OC48 and higher systems
- Available in nickel or solderable gold finish



### Edge Launch Jacks

- Best case RF performance for high frequency
- Available in various PCB thicknesses



### M-BNC jack series

- Straight and right angle available in M-BNC format
- Available in nickel or solderable-gold finish
- Same footprint as SMB series



# Telecom and Enterprise Products

## CENTRAL OFFICE



### BNC straight, 45 degree and right angle plugs

- Crimp/crimp design for field terminations
- Common installer tooling and training
- Carrier Class reliability
- Telco grade – NEBS certified to level 3 type 2
- The industry standard for central office DS3 lines
- Sure Notch™ visual indicating engagement feature



### BNC and M-BNC cable jacks

- Same crimp/crimp Trompeter tooling and training
- NEBS certified, Carrier Class design
- Bulkhead and non-bulkhead versions



### Installation tools and training

- Complete tool kits for field installers
- Power and non-power cable strippers
- World Class BNC removal tool



### M-BNC plug, straight and right angle

- All the same materials and design of full size Trompeter BNC
- Same installation tooling and training
- Same Carrier Class rugged reliability
- 40% gain in density per given footprint
- Sure Notch™ visual indicating engagement feature



### Transition connector

- Interconnection for 735 to 735 cable as well as 734 to 735 cables
- Industry standard tooling and installation training
- Crimp/crimp design



### POT panels

- Pass through jack/jack design enables discrete handoff hookups
- Point of termination “meet me” interconnect point
- Preferred by CLEC and ISP providers

## RF Cable Assemblies



### 1553 Data Bus Harness

- Fan out constructions available
- Tapered RF connector end lengths available for superior cable management characteristics
- Each cable tested and certified



### Ultra-Low Loss Triax

- Double braid shielded for maximum signal ingress and egress conditions
- Signal leakage testing available
- Customer length and end terminations options
- Rapid delivery cycle times

# Broadcast Video Connectivity



## UPL2000 plugs

- HDTV capable. Full 1.485 Gbps, SMPTE 292M uncompressed signal levels.
- Digital signal designed
- Gold spring fingers and black coupling sleeve for superior electro magnetic conductivity
- True 75 ohm



## Video patchbays

- WECo and miniWECo versions available
- Normal thru and non-normal thru design
- Terminating and non-terminating versions
- Capable through HDTV uncompressed bandwidth frequency requirements



## F to BNC adapter

- High frequency capable
- Enabling conversion from F connectors to BNC
- Best in Class choice for home theatre conversion to studio grade performance



## Carrier Class F connector

- Classic 3 piece construction
- Trompeter industry standard installation tooling and training
- High frequency capable
- Studio grade construction



## Coax Harness

- Multipin D sub to conventional RF connectors as shown
- Continuity tested 100%
- Hi Pot testing available
- 48 hour turn times on delivery



## Rear Cross Interconnect Cords

- NEBS qualified cable assemblies
- Fully tested for continuity and hi-pot
- Rapid response delivery on custom configurations
- Available with tracer leads



## Front patch cords with tracer

- WECo or miniWECo plug connector designs
- Available with tracer leads
- Designed to support patching in the CO
- Featuring gold barrels and insulated tip design



# Military/Aerospace Shielded RF Products

## TWIN/TRIAX CONNECTORS & PATCHJACKS



- MIL-STD-1553 databus applications
- J158 patchjack products loaded into panels for easy rack mounting
- Triax interconnect cable assemblies
- Military proven, the copper wireline of choice for shielded military communications shelter applications
- Hermetic versions available
- Space rated quality level available
- Custom designs
- Bulkhead and PCB mount designs
- Custom plating available for intermodulation suppression and harsh environments

## RF BULK CABLE



- MIL 1553 standard
- Triax cable versions
- Twinaxial cable versions
- Non-standard lengths available
- 75 ohm coaxial versions

## OTHER PRODUCT LINES OF EMERSON CONNECTIVITY SOLUTIONS

### Fiber Optic Connectors



### CATV Connectors



### Bulk Cable



### PCB Connectors



### Microwave Connectors



AIM-Cambridge • Johnson • Midwest Microwave • Stratos • Semflex • Trompeter • Viewsonics • Vitelec

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