

# MAXNET® II

Platinum Series

RF & Optical Signal Management

Patented  
U.S.# 7,142,414



Minicable Connectors/Tools, Terminators & Optical Attenuators

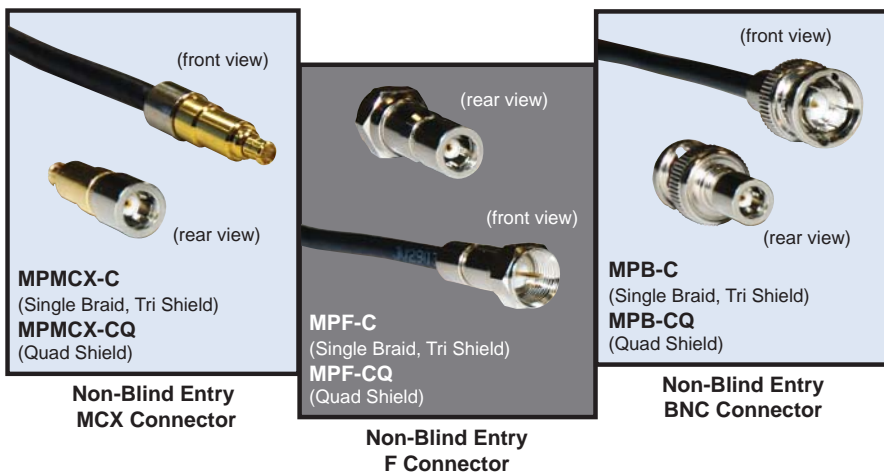
3RU Active Chassis  
(front view)

## Connectors & Connector Installation Tools:

### Compression:

- ▶ This combination of MCX, F, & BNC compression connectors for miniature coaxial cable enable users to easily interface between the MCX based MAXNET®II platform and legacy F equipment
- ▶ Non-blind entry feature allows for easy field installation and reassures installers that a solid connection is made
- ▶ Optimized RF performance

### Non-Blind Entry Compression



### MPMCX-C / MPF-C / MPB-C:

#### Cable Compatibility:

Any Belden, Commscope or TFC single braid or tri shield mini 75 ohm coax

#### Tools to Use:

Compression Tool - MPNBCT, Strip Tool - MPCST

### MPMCX-CQ / MPF-CQ / MPB-CQ:

#### Cable Compatibility:

Any Belden, Commscope or TFC quad shield mini 75 ohm coax

#### Tools to Use:

Compression Tool - MPNBCT, Strip Tool - MPCPT-7691

IL < 0.1 dB, 5-1000 MHz

RL > 28 dB, 5-1000 MHz

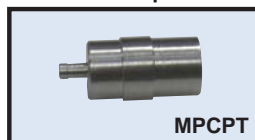
## Connector Installation Tools

### Compression Tool



For use with MPMCX-C / MPMCX-CQ, MPF-C / MPF-CQ & MPB-C / MPB-CQ

### Cable Prep Tool



Separates the braid from the dielectric for a smoother connector fit (recommended)

### Cable Strippers



For use with MPMCX-C, MPF-C, & MPB-C



For use with ATX mini coax quad shield connectors only (MPMCX-CQ, MPF-CQ, & MPB-CQ)

## RF & Optical Signal Management

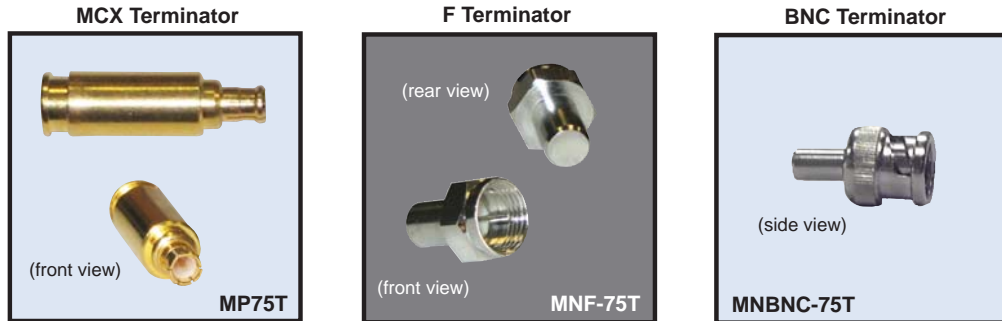
### Connectors & Connector Installation Tools (cont'd):

#### Ordering Information

Part Number	Description
<b>Connectors</b>	
MPMCX-C	Non-blind MCX Compression Connector - Mini Dual/Tri Coax
MPMCX-CQ	Non-blind MCX Compression Connector - Mini Quad Coax
MPF-C	Non-blind F Compression Connector - Mini Dual/Tri Coax
MPF-CQ	Non-blind F Compression Connector - Mini Quad Coax
MPB-C	Non-blind BNC Compression Connector - Mini Dual/Tri Coax
MPB-CQ	Non-blind BNC Compression Connector - Mini Quad Coax
<b>Tools</b>	
MPCPT	Mini Cable Preparation Tool
MPNBCT	Compression Tool for MPMCX-C / MPMCX-CQ, MPF-C / MPF-CQ & MPB-C / MPB-CQ Connectors
MPCST	Cable Stripper for ATX Mini Coax Connectors - Dual/Tri Coax
MPCST-B	Replacement Blade Set for MPCST Mini Cable Stripper
MPCPT-7691	Mini Coax Stripper .25"/.25" for ATX Mini Coax Quad Shield Connectors
MPRBC-7691	Replacement Blade Cartridge for MPCPT-7691

### Terminators:

- ▶ 75 ohm F, BNC, & MCX terminators with optimized RF performance
- ▶ Allows for high performance termination of unused MAXNET®II module ports



RL > 28 dB, 5-1000 MHz

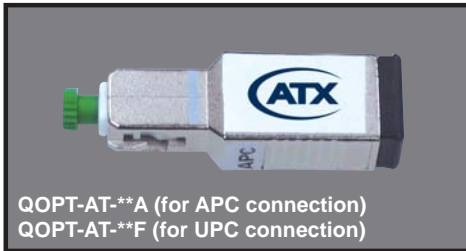
#### Ordering Information

Part Number	Description
MP75T	MCX 75 ohm Terminator
MNF-75T	75 ohm RFI Tight F Terminator
MNBNC-75T	75 ohm RFI Tight BNC Terminator

### Optical Attenuator:

- ▶ Precise attenuation value
- ▶ Excellent return loss
- ▶ Dual window (1310nm/1550nm)
- ▶ Offered in 1 dB increments

Optical Attenuator



\*\* = Attenuator Value in dB (01 to 30 available)

### Optical Attenuator Specifications

SPECIFICATIONS		VALUE
WAVELENGTH		1310nm and 1550nm
ATTENUATION RANGE		1 dB - 30 dB
BAND PASS		+/- 50nm
ATTENUATION VARIATION	1 - 10 dB	+/- 0.5 dB
	10 - 15 dB	+/- 1.0 dB
	15 - 30 dB	+/- 2.0 dB
REFLECTANCE	UPC	> 56 dB
	APC	≥ 67 dB
OPERATION TEMPERATURE		-40°C - 75°C
STORAGE TEMPERATURE		-50°C - 85°C

### Ordering Information

Part Number	Description
QOPT-AT-**A	SC-APC Optical Attenuator (** = 01 to 30 dB in 1 dB increments)
QOPT-AT-**F	SC-UPC Optical Attenuator (** = 01 to 30 dB in 1 dB increments)

Specifications subject to change without notice.

