

MAXNET® II

Platinum Series



Patented
Cdn.# 2,470,040;
U.S.#s 7,142,414 & 7,025,630

3RU Active Chassis
(front view)

Pads / EQs / Connectors / Accessories

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 & legacy F equipment
- Non-blind entry feature allows for easy field installation and reassures installers that a solid connection is made
- Optimized RF performance

D3.1/CCAP™
Compliant

1.2 GHz

Non-blind Entry Compression



Non-blind Entry
MCX Connector



Non-blind Entry
F Connector



Non-blind Entry
BNC Connector

MPMCX-C / MPF-C / MPB-C

Cable Compatibility:

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

Tools to Use:

Compression Tool - MPNBCT, Strip Tool - MPCPT-7538

MPMCX-CQ / MPF-CQ / MPB-CQ

Cable Compatibility:

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

Tools to Use:

Compression Tool - MPNBCT, Strip Tool - MPCPT-7691

Specifications

Non-Blind Entry

IL < 0.1 dB, 5-1220 MHz

RL > 28 dB, 5-1220 MHz⁽¹⁾

NOTE:

(1) Except BNC which is > 26 dB from 1000-1218 MHz.

Ordering Information

Part Number	Description
MPMCX-C	Non-blind MCX Compression Connector - Mini Dual/Tri Coaxial
MPMCX-CQ	Non-blind MCX Compression Connector - Mini Quad Coaxial
MPF-C	Non-blind F Compression Connector - Mini Dual/Tri Coaxial
MPF-CQ	Non-blind F Compression Connector - Mini Quad Coaxial
MPB-C	Non-blind BNC Compression Connector - Mini Dual/Tri Coaxial
MPB-CQ	Non-blind BNC Compression Connector - Mini Quad Coaxial

Connectors & Connector Installation Tools

Connector Installation Tools

Compression Tool



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

Cable Prep Tool with Handle



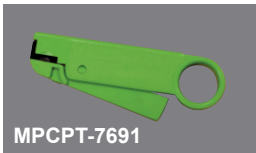
Separates the braid from the dielectric for a smoother connector fit (recommended). Includes one extra replacement tip (MPCPT).

Cable Prep Tool Replacement Tip

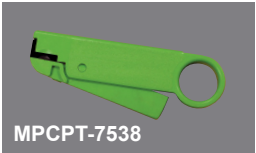


Replacement tip for MPCPTH. Can also be used as a standalone prep tool.

Cable Strippers



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



For use with ATX mini dual/tri shield connectors only (MPMCX-C, MPF-C, MPB-C).

Ordering Information

Part Number	Description
MPNBCT	Compression Tool for MPMCX-C / MPMCX-CQ, MPF-C / MPF-CQ & MPB-C / MPB-CQ Connectors
MPCPTH	Mini Cable Preparation Tool with Handle
MPCPT	Mini Cable Preparation Tool Replacement Tip
MPCPT-7691	Mini Coaxial Stripper .25"/.25" for ATX Mini Coaxial Quad Shield Connectors
MPRBC-7691	Replacement Blade Cartridge for MPCPT-7691
MPCPT-7538	Mini Coaxial Stripper .25"/.25" for ATX Mini Coaxial Dual/Tri Shield Connectors
MPRBC-7538	Replacement Blade Cartridge for MPCPT-7538

Connectorization Kit (MPCONKIT)



Kit containing samples of F, MCX & BNC compression connectors for dual/tri/quad shield mini cable, as well as necessary connectorization tools.

MPMCX-C TRI SHIELD MCX CONNECTOR	MPF-C TRI SHIELD F CONNECTOR	MPB-C TRI SHIELD BNC CONNECTOR	MPCPT-7691 QUAD SHIELD CABLE STRIP TOOL (to strip Dual or Tri Shield cable, insert MPRBC-7538 Replacement Blade)		
MPMCX-CQ QUAD SHIELD MCX CONNECTOR	MPF-CQ QUAD SHIELD F CONNECTOR	MPB-CQ QUAD SHIELD BNC CONNECTOR	MPADP ADAPTER	MPADPM ADAPTER	MPRBC-7691 REPLACEMENT BLADE
MPNBCT COMPRESSION TOOL (includes adaptors for MCX/F & BNC connectors)			MPCPTH CABLE PREP TOOL		MPRBC-7538 REPLACEMENT BLADE
			RE-ORDER TIPS: MPCPT		

Connectors & Connector Installation Tools

Connector Installation Tools (cont'd)

Connectorization Kit (MPCONKIT-1)



Kit containing all the tools necessary to attach F, MCX & BNC connectors to dual/tri/quad shield mini cable.

MPMCX-C TRI SHIELD MCX CONNECTOR (not included)	MPF-C TRI SHIELD F CONNECTOR (not included)	MPB-C TRI SHIELD BNC CONNECTOR (not included)	MPCPT-7691 QUAD SHIELD CABLE STRIP TOOL 	
MPMCX-CQ QUAD SHIELD MCX CONNECTOR (not included)	MPF-CQ QUAD SHIELD F CONNECTOR (not included)	MPB-CQ QUAD SHIELD BNC CONNECTOR (not included)	MPADP ADAPTER 	MPADPM ADAPTER
MPNBCT COMPRESSION TOOL (includes adaptors for MCX/F & BNC connectors) 			MPRBC-7691 REPLACEMENT BLADE 	MPRBC-7538 REPLACEMENT BLADE (not included)
			MPCPTH CABLE PREP TOOL 	RE-ORDER TIPS: MPCPT

Connectorization Kit (MPCONKIT-CQ)



Kit containing samples of F, MCX & BNC quad shield compression connectors for quad shield mini cable, as well as the necessary connectorization tools.

MPMCX-CQ QUAD SHIELD MCX CONNECTOR 	MPF-CQ QUAD SHIELD F CONNECTOR 	MPB-CQ QUAD SHIELD BNC CONNECTOR 		
MPCPTH CABLE PREP TOOL 	RE-ORDER TIPS: MPCPT 	MPRBC-7691 REPLACEMENT BLADE 	EMPTY SPACE WITH 5 EXTRA DIVIDERS	
MPNBCT COMPRESSION TOOL (includes adaptors for MCX/F & BNC connectors) 			MPCPT-7691 QUAD SHIELD CABLE STRIP TOOL 	

Ordering Information

Part Number	Description
MPCONKIT	Mini Cable Connectorization Kit with Tools & Connectors
MPCONKIT-1	Mini Cable Tool Kit
MPCONKIT-CQ	Quad Shield Mini Cable Connectorization Kit

Connectors & Connector Installation Tools

Patented
U.S.#s 7,142,414 & 7,025,630

Crimp

- This crimp connector for RG59 cable allows direct connection to MCX connectors on ATX MAXNET II gear
- Ideal for long runs between equipment without added loss of mini cable
- Replace legacy F connector gear with high density MAXNET II gear without routing new cable



MPMCX-HEC2

Cable Compatibility:

Any quad shield (HEC2) RG59 cable

Tools to Use:

Crimp Tool - MPCT-801F

Strip Tool - COREX II for RG59 or equivalent (not a product of ATX Networks)

Specifications

Crimp

IL < 0.1 dB, 5-1220 MHz
RL > 28 dB, 5-1220 MHz

Ordering Information

Part Number	Description
MPMCX-HEC2	MCX Male Crimp Connector - Quad Shield (HEC2) RG59 Cable

Connector Installation Tool



For use with MPMCX-HEC2.

Ordering Information

Part Number	Description
MPCT-801F	0.350 Crimp Tool for MPMCX-HEC2 Connector

Terminators

Patented
U.S.#s 7,142,414 & 7,025,630

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



Specifications

Terminators

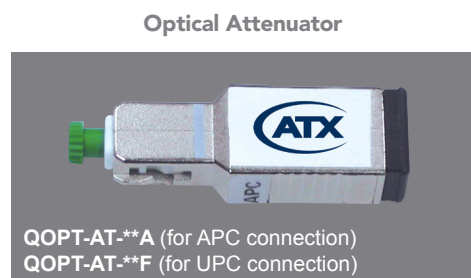
RL > 28 dB, 5-1220 MHz

Ordering Information

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

Optical Attenuator

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



** = Attenuator Value in dB (1-30 available)

Specifications

Optical Attenuator

		VALUE
WAVELENGTH		1310nm & 1550nm
ATTENUATION RANGE		1-30 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	$\geq$ 67 dB
OPERATION TEMPERATURE		-40°C to +75°C (-40°F to +167°F)
STORAGE TEMPERATURE		-50°C to +85°C (-58°F to +185°F)

Ordering Information

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

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