# SignalTight<sup>®</sup> MCX Connector



#### **Features & Benefits**

- Innovative pin and guide provides easy access to insert the small mini center conductor
- Maintains ground continuity even when very loose
- Reduces QAM errors/packet loss
- Prevents service issues from loose connections
- Premium metal compression ring results in industry-leading cable retention values
- Plastic body seals the back end of the connector from environmental factors

#### **Overview**

The EXM-MCXPLUS is an MCX universal compression connector designed for use with standard through quad shield mini headend RG59 cable. SignalTight<sup>®</sup> technology means it achieves signal transmission approaching that of a fully-tightened connector, even if left loose. PPC's EX® connectors boast the largest dynamic range of any connector in the market, making it compatible with standard through guad shield cables. EX also doesn't rely on an o-ring to seal the back end of the connector environmentally, it uses the dynamic range of the tough yet versatile plastic body to seal in the most effective way possible.

#### **Technical Data**

Specification	Value	
Bandwidth	0 MHz to 3 GHz	
Impedance	75 Ohms (nominal)	
Return Loss	Minimum -30 dB to 3 GHz	
Insertion Loss Less than .10 dB to 3 GHz		
Operating Voltage	90 V (at 60 Hz continuous AC)	
Operating Temperature	-40°F to 140°F (-40°C to 60°C)	
Cable Retention	> 40 LBS.	
Matting	500 Cycles Min.	
RFI	> 100 dB	

## Gold plated The pin insulator provides male plug a guide for easy insertion into the post.

EX series universal compression. Installs easily on standard shield through quad shield cable

.020" diameter step down pin ensures proper contact with mating ports

Innovative pin and guide provides easy access to insert the small mini center conductor

### **Preparation & Installation Tools**

Part Number	Description	
VT-HE	Compression Tool	
LDTMINI	1/4" – 1/4" universal drop cable preparation tool LDTMINI	

### **Ordering Information**

Part Number	Description		
EXM-MCXPLUS	SignalTight®, Mini Series, MCX Universal Connector		
BELDEN	These products may be protected by one or more patents. For further information, please	6176 E. Molloy Rd. East Syracuse, NY 13057 bbs.cs@belden.com	
www.belden.com	visit: www.ppc-online.com/patents	1-800-800-6652 • +1 315-431-7200	www.ppc-online.com





