

SignalTight®

Premium EX® Universal Connector

Series 59, 6



A BELDEN BRAND

Features & Benefits

- Unique 7/16 in nut profile allows hand tightening while discouraging wrench-tightening on CPEs
- Maintains ground continuity even when very loose
- Reduces QAM errors/packet loss
- Prevents service issues from loose connections
- Ideal for customer self-install kits
- Premium metal compression ring results in industry-leading cable retention values
- Compatible with standard through quad-shield cable
- Plastic body seals the back end of the connector from environmental factors



Overview

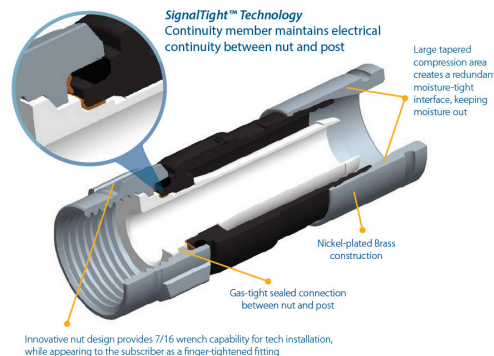
Premium EX® Series SignalTight® connectors minimize the number of self-installs that become truck rolls. SignalTight technology means it achieves signal transmission approaching that of a fully-tightened connector, even if left loose. PPC's EX connectors boast the largest dynamic range of any connector in the market, making it compatible with standard through quad 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. The metal compression ring also allows us industry leading cable retention values through all cable sizes in the field.

Technical Data

Electrical Specifications

Bandwidth	0 MHz to 3 GHz	
Impedance	75 Ohms (nominal)	
Return Loss (Gated)	5 to 1,000 MHz	-30 dB Minimum
	1,000 to 2000 MHz	-30 dB Minimum
	2,000 to 3,000 MHz	-20 dB Minimum
Insertion Loss	5 to 3,000 MHz	Less than .20 dB
Operating Temperature	-40 °F to 140 °F (-40 °C to 60 °C)	
Cable Retention	45 lbs (20.41 kg) minimum	

Meets or Exceeds all SCTE Specifications



Preparation & Installation Tools

Compression Tool	CATAS, VT-200 (for use w/ XL series), VT-300 (for use with standard series)		
1/4 in-1/4 in Universal Drop Cable Preparation Tool	LDT596-250		DDT59611
7/16 in Snap Torque Wrench	TW207	TW307	TW307 AH

Ordering Information

PPC Part Number	Description
EX6PLUS	SignalTight, Standard Series, 6 Series
EX59PLUS	SignalTight, Standard Series, 59 Series
EX6XLPLUS	SignalTight, XL Series, 6 Series
EX59XLPLUS	SignalTight, XL Series, 59 Series
VT-200	Compression Tool, XL Series
VT-300	Compression Tool, Standard Series

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