SignalTight® AquaTight®
Premium EX® Universal Connector
Series 59, 6

Features & Benefits

- Knurled grip enhances ability to pre-tighten with fingers prior to wrench tightening
- Integrated port seal ensures proper moisture tight connection on every port
- Clear port seal allows easy visual entry onto port
- 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
- Compatible with standard through quad-shield cable
- Plastic body seals the back end of the connector from environmental factors

Standard   *XL*

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. AquaTight® technology takes the guesswork out of sealing connections. The durable and reusable clear seal morphs to fit all port lengths, and confirms that a seal is properly installed on every connection. 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

Elecrical Specifications

Parameter		Data
Bandwidth		0 MHz to 3 GHz
Impedance		75 Ohms (nominal)
Return Loss	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

SignalTight™ Technology
Continuity member maintains electrical continuity between nut and post

Large tapered compression area creates a redundant moisture-tight interface, keeping moisture out

Nickel-plated Brass construction

Gas-tight sealed connection between nut and post

Knurled hex design enabled increased torque by hand

Integrated clear port seal ensures moisture tight seal on all ports

Preparation & Installation Tools

Preparation & Installation Tools			
Compression Tool	CATAS, CAT-AS-EX, 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
EX6WSPLUS	SignalTight®, AquaTight®, Standard Series, 6 Series
EX59WSPLUS	SignalTight®, AquaTight®, Standard Series, 59 Series
EX6XLWSPLUS	SignalTight®, AquaTight®, XL Series, 6 Series
EX59XLWSPLUS	SignalTight®, AquaTight®, XL Series, 59 Series

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