



The Power of Innovation[®]

EX6XL Drop Connector Series

Installers are faced with the problem of identifying old unmarked 60% through Quad Shield Series 6 cable, and having to guess on which connector is the best match. This results in unnecessary service calls due to the use of the wrong connector/cable match.

The unique patented design with compliant co-polymer body achieves true universality on 60% through Quad Shield, PE, and PVC jacket.

Features

- Moisture-tight Patented Design
- Universal on 60% to Quad cable
- 1 Piece Construction
- Physically Contoured Parts for Easy Size Identification



Specifications

Bandwidth	0 MHz to 3 GHz
Impedance	75 Ohms (nominal)
Return Loss	Better than -30 dB to 3 GHz
Operating Voltage	90 V (at 60 Hz continuous AC)
Operating Temperature	-40° F to +140° F
Cable Range	60% - Quad Shield, PE, PVC Jacket
Cable Retention	60% Braid – 50 lbs. Minimum Quad Shield – 100 lbs. Minimum

Part Number

EX6XL Universal Compression Fitting for 6 Series Cable

Accessories:

WS375	Weather Seal
WS500	Weather Seal

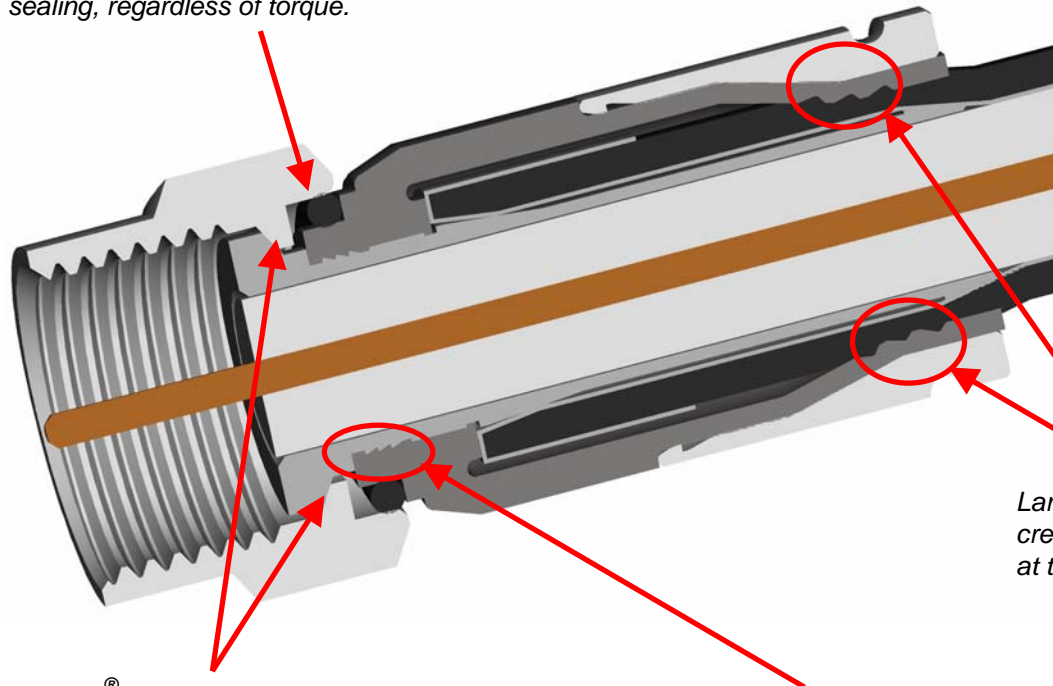


6176 East Molloy Road
East Syracuse, NY 13057-0278
Tel: 315-431-7200
Fax: 315-431-7201
E-mail: ppc@ppc-online.com
www.ppc-online.com



Patented Moisture Migration Protection Design

The EX[®] uses the o-ring as a redundant seal. The o-ring is always in compression sealing, regardless of torque.



U.S. Patent Numbers

- 6,558,194
- 6,153,830
- D436,076
- D437,826
- D440,539
- D440,439

Large tapered compression area creates a moisture-tight interface at the back of the connector.

The EX[®] achieves a gas-tight secondary seal connection between the nut and the post by using machined ramp surfaces similar to those used in aircraft hydraulics.

Also as a secondary seal, three circumferential gaskets seal the body to the post.

SCTE “Red Dye” Moisture Migration

EX connectors are designed to prevent moisture migration and are subjected to a rigorous Interface Moisture Migration “red dye” test in compliance with the Society of Cable Television Engineers (SCTE) standard IPS-TP-013. Our patented design allows PPC’s universal connectors to pass this test on 60% to Quad shield while others consistently fail.

SCTE IPS-TP-013 Test Criteria

- 2 foot jumpers are assembled and installed on port replicators
- Jumpers are inserted into a Phenol red dye and Sodium Hydroxide mixture and temperature cycled from 1.7°C to 60°C for 5 days
- Connectors and cable are cut open and examined under 10X magnification for any Red Dye contamination, which would indicate moisture penetration



6176 East Molloy Road
East Syracuse, NY 13057-0278
Tel: 315-431-7200
Fax: 315-431-7201
E-mail: ppc@ppc-online.com
www.ppc-online.com