

LRC® X-SERIES® HARDLINE TWO-PIECE CONNECTORS - QR CABLE

Two-piece hardline connectors for QR cable featuring a non-metallic radiation sleeve, which reduces craft sensitivity of cable to connector interface and provides improved electrical characteristics.

The X-Series connector is a two-piece hardline connector that has the 'pullback' of the industry's three-piece offerings. The center conductor can be easily seen as it enters the Auto-Seize® mechanism. The distance the cable has to travel for insertion into the entry portion of the connector is shortened and the blind entry associated with current two-piece connector designs is also eliminated. Both of these improvements minimize the possibility of cable damage. The X-Series incorporates the Auto-Seize® and positive stop features of all LRC® connectors. These technologies eliminate the chance of cable flaring and enhance connector reusability.

PHYSICAL PROPERTIES

- Body Components: Aluminum
- Body Finish: Chromate conversion coating with dry thin film lubricant
- Terminal: Brass, Silver plate
- Entry Support: Ultem
- O-Rings: Ethylene Propylene

ELECTRICAL PROPERTIES

- Return Loss: >30 dB Typical
- Insertion Loss: -0.2 dB Typical
- RFI Shielding: -105 dB Typical
- Current Rating: 20 Amps
- Insulation Resistance: 20 Gig Ohm
- Dielectric Strength: >4 kV
- Breakdown Voltage: >4 kV

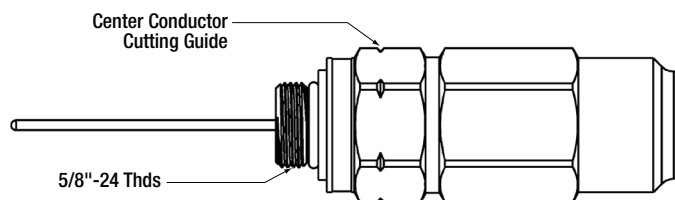
MECHANICAL PROPERTIES

- Cable Retention (Sheath & Center Conductor): >600 lb

ENVIRONMENTAL PROPERTIES

- Temperature Rating: -40°F (-40°C) to 170°F (77°C)
- Salt Spray Exposure: Complies to Bellcore GR-2846-CORE, Generic Requirements for Coaxial Distribution Connectors
- Water Submersion: Complies to Bellcore GR-2846-CORE

- Positive Stop prevents cable damage from over-tightening
- No-twist Auto-Seize® mechanism eliminates radial stress
- Extended back nut minimizes cable sheath deformation
- Generous funnel shape center conductor insertion guide with non-metallic radiation sleeve
- Exceeds industry standards with zero degree of cable twist (patent pending)
- Pullback comparable to Thomas & Betts LRC® traditional three-piece connector designs



ORDERING INFORMATION

CATALOG #	CONNECTOR TYPE	CABLE SIZE	CABLE TYPE	INNER PACK	OUTER PACK
TWO-PIECE CONNECTORS					
EI540XQR	Pin	.540	QR	5	80
EI715XQR	Pin	.715	QR	5	80
EI860XQR	Pin	.860	QR	5	45
SI540XQR	Splice	.540	QR	20	80
SI715XQR	Splice	.715	QR	14	56
SI860XQR	Splice	.860	QR	9	36

Please ask your Thomas & Betts representative for a complete catalog of quality Thomas & Betts products or visit us at www.tnb.com. For customer service, call **1-800-685-9452**. For technical questions, call **1-888-862-3289**.

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Thomas & Betts Corporation
Communications Products Group
Tel: 800-920-0328 • 901-252-5000
Fax: 800-283-6756 • 901-252-1389