


Modelo: EI500X3	ESPECIFICACIONES TECNICAS	
Fecha: 2013		
Hojas 1 de 1		
Asunto	CONECTOR P3/T10 DOS CUERPOS	

**BELDEN**  
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## LRC® X-SERIES® HARDLINE TWO-PIECE CONNECTORS - P3/T10 CABLE

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. An additional patent pending feature has eliminated cable twisting as the connector is tightened down. This further reduces the chance of cable damage during installation.

- 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
- Exceeds industry standards with zero degree of cable twist (patent pending)
- Pullback comparable to Thomas & Betts LRC® traditional three-piece connector designs

#### 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

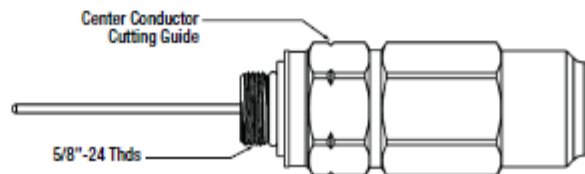
- Return Loss: >30 dB Typical
- Insertion Loss: -0.2 dB Typical
- RFI Shielding: -105 dB Typical
- Current Rating: 20 Amps
- Insulation Resistance: 20 Gig Ohm
- Dielectric Strength: >4 kV
- Breakdown Voltage: >4 kV

#### 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



### ORDERING INFORMATION

CATALOG #	CONNECTOR TYPE	CABLE SIZE	CABLE TYPE	INNER PACK	OUTER PACK
<b>TWO-PIECE CONNECTORS</b>					
EI500X3	Pin	.500	P3/T10	20	160
EI625X3	Pin	.625	P3/T10	20	160
EI750X3	Pin	.750	P3/T10	14	56
EI875X3	Pin	.875	P3/T10	9	36
SI500X3	Splice	.500	P3/T10	20	80
SI625X3	Splice	.625	P3/T10	20	80
SI750X3	Splice	.750	P3/T10	16	32
SI875X3	Splice	.875	P3/T10	9	36