Description

PCT's patented DRS compression connector line is a technically advanced, installation-friendly solution to enhance the performance of digital, two-way broadband networks. Its unique compression technology offers two robust seals to prevent moisture penetration, and the weather-seal nut eliminates the need for seal rings, making installations simple, reliable and cost effective. The DRS compression connector line is available for Series 59, 6, 7, 11 and 320QR cable. Standard 59/6 and combination 59/6/7/11/320QR compression tools are available that are compatible with other manufacturers' compression connectors.

DRS Compression Connectors

APPLICATIONS

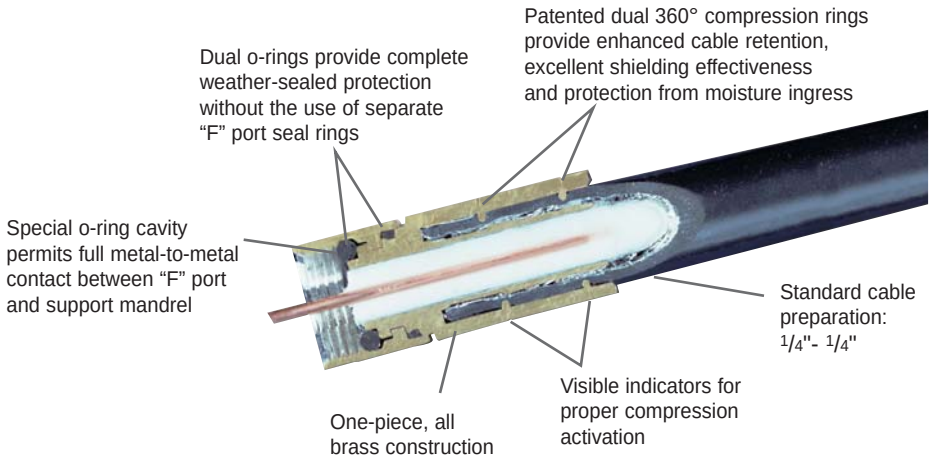
Digital, two-way broadband networks

Subscriber drop and headend installations

Critical Requirements

- Weather sealed without gels or seal rings
- Optimal shielding protection
- Simple installations, reduced craft sensitivity
- One connector for indoor & outdoor use

features & benefits



Other Features:

- Meets all SCTE specifications, including IPS-TP-013 Interface Moisture Migration Test for all cable types, including messenger cable
- Special DRS 7, 11 & 320QR features: visible indicator of guaranteed center conductor contact and universal cable application (60% thru quad)

PCT™ INTERNATIONAL

DRS Compression Connectors

specifications

PARAMETER	SPECIFICATION	REQUIREMENT	DRS RESULTS
Cable Retention	ANSI/SCTE 99 2004	> 40 lbs. pull force	Pass
Chemical Resistance	BLCR GR-1503-CORE 4.7	No cracking or swelling	Pass
Corrosion Resistance	BLCR GR-1503-CORE 3.2.1	1,000 hrs. salt spray	Pass
Tightening Torque	ANSI/SCTE 88 2004	Tightened to 60 in./lbs. without damage	Pass
Insertion Loss	SCTE IPS-TP-201	< 0.05dB to 350MHz, < 0.1dB to 700MHz, < 0.2dB to 1GHz	Pass
Installation Force	ANSI/SCTE 73 2002	< 20 lbs. maximum insertion	Pass
Loosening Torque	BLCR GR-1503-CORE 4.2	≥ 30 in./lbs. after temperature cycling	Pass
Moisture Migration	ANSI/SCTE 60 2004 *(Not applicable for IEC)*	No dye penetration after 5 days of temperature cycling	Pass
Ozone Degradation	BLCR GR-1503-CORE 4.1	70 hours exposure	Pass
Return Loss	ANSI/SCTE 04 1997 ANSI/SCTE 05 1999	> 30dB to 1GHz	Pass
Salt Fog	ASTM B 117 / SCTE IPS-TP-406	> 30dB return loss to 1 GHz	Pass
Shielding Effectiveness	ANSI/SCTE 48-2 2003	> 100dB to 300MHz, > 90dB to 1GHz	Pass
Temperature Cycling with Humidity	BLCR GR-1503 4.1	> 40 lbs. pull force after temperature cycling	Pass
UV Degradation	BLCR GR-1503-CORE 4.8	UV resistant after 7 days	Pass
Vibration	BLCR GR-1503-CORE 4.6	> 32 in./lbs. loosening torque after vibration	Pass
DC Contact Resistance Outer Conductor	SCTE IPS-TP-405	< 5 milliohms	Pass

Specifications are subject to change without notice.

ordering information

PART NUMBER	CABLE TYPE	RECOMMENDED TOOL
PCT-DRS-59	Series 59, 60% thru Trishield	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DRS-59Q	Series 59, Quad	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DRSHE-59	Series 59, Headend	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DRS-6	Series 6, 60% thru Trishield	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DRS-6P	Series 6, Plenum	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DRS-6Q	Series 6 Quad	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DRS-7	Series 7, 60% thru Quad	PCT-DRS-CT-AS
PCT-DRS-11	Series 11, 60% thru Quad	PCT-DRS-CT-AS
PCT-DRS-320QR	Series 320,QR	PCT-DRS-CT-AS
IEC Interface:		
PCT-DRS-6-I-F	Series 6, 60% thru Trishield, IEC Female	Ripley CAT-IEC/F-FX
PCT-DRS-6-I-M	Series 6, 60% thru Trishield, IEC Male	Ripley CAT-IEC/F-FX
PCT-DRS-6-I-QF	Series 6, 60% thru Quad, IEC Female	Ripley CAT-IEC/F-FX
PCT-DRS-6-I-QM	Series 6, 60% thru Quad, IEC Male	Ripley CAT-IEC/F-FX
PCT-DRS-59-I-F	Series 59, 60% thru Trishield, IEC Female	Ripley CAT-IEC/F-FX
PCT-DRS-59-I-M	Series 59, 60% thru Trishield, IEC Male	Ripley CAT-IEC/F-FX
PCT-DRS-59-I-QF	Series 59, 60% thru Quad, IEC Female	Ripley CAT-IEC/F-FX
PCT-DRS-59-I-QM	Series 59, 60% thru Quad, IEC Male	Ripley CAT-IEC/F-FX

www.nco-corp.com

NCO-Corp | 1846 W.Division, Suite 301 | Arlington, Texas 76012 | USA
Phone: 817-277-3428 Fax: 817-277-3470