

DPS COMPRESSION CONNECTORS

NEW!



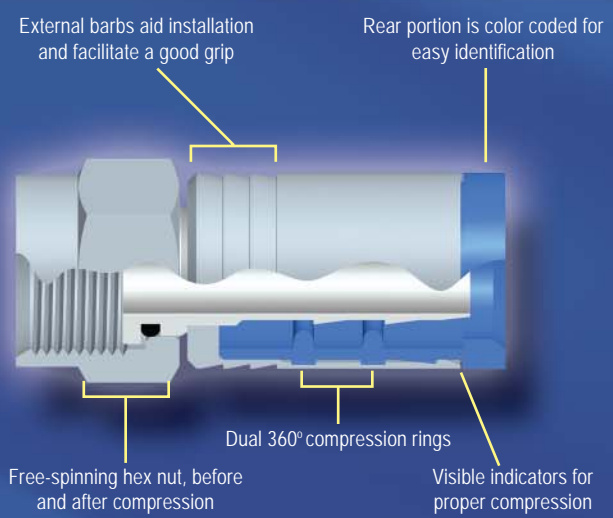
PCT's newest DPS Series of compression connectors shares many features with our time-tested and proven DRS line of connector products while offering a lower cost alternative designed for cost-sensitive markets.

Like PCT's DRS and TRS Series of compression connectors, the DPS design includes dual radial sealing rings ensuring moisture tight seals and optimal cable retention on all types of cable.

DPS connectors share PCT's "easy insertion" and "no blind-entry" post design facilitating insertion - no matter the weather conditions.

The DPS Series combination of PCT's patented compression action and an advanced engineered plastic insert that reduces the amount of brass needed in the fitting is truly unique.

Try the DPS today, and experience a lower-cost compression connector without sacrificing quality!



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SPECIFICATIONS

PARAMETERS	SPECIFICATION	REQUIREMENT	DPS 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	< 0.05 dB to 350 MHz, < 0.1 dB to 700 MHz, < 0.2 dB to 1 GHz	Pass
Installation Force	ANSI/SCTE 73 2002	< 20 lbs maximum insertion	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	> 30 dB to 1 GHz	Pass
Salt Fog	ASTM B 117/SCTE IPS-TP-406	> 30 dB return loss to 1 GHz	Pass
Shielding Effectiveness	ANSI/SCTE 48-2 2003	> 100 dB to 300 MHz, > 90 dB to 1 GHz	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

ORDERING INFORMATION

PART NO.	DESCRIPTION	RECOMMENDED TOOL
PCT-DPS-6	Series 6, 60% thru Trishield	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DPS-6Q	Series 6, Quad	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DPS-59	Series 59, 67% thru Trishield	PCT-DRS-CT or PCT-DRS-CT-AS
PCT-DPS-59Q	Series 59, Quad	PCT-DRS-CT or PCT-DRS-CT-AS

