

# compression connectors

## ordering information and specifications



Innovation for the Last Mile™

### ordering information

part number description

#### Series 6

|                 |                                                                   |
|-----------------|-------------------------------------------------------------------|
| PCT-ERS-6       | Torque retaining, 60% thru quad-shield, ERS, 21 mm                |
| PCT-ERS-6NT     | Torque retaining, 60% thru quad-shield, ERS, 21 mm, nickel tin    |
| PCT-TRS-6       | 60% thru quad-shield, TRS, 18 mm                                  |
| PCT-TRS-6L      | Torque retaining, 60% thru quad-shield, TRS, 18 mm                |
| PCT-TRS-6LNT    | Torque retaining, 60% thru quad-shield, TRS, 18 mm, nickel tin    |
| PCT-TRSXL-6     | 60% thru quad-shield, TRS, XL 21 mm                               |
| PCT-TRSXL-6NT   | 60% thru quad-shield, TRS, XL 21 mm, nickel tin                   |
| PCT-TRSXL-6L    | Torque retaining, 60% thru quad-shield, TRS, XL 21 mm             |
| PCT-TRSXL-6LNT  | Torque retaining, 60% thru quad-shield, TRS, XL 21 mm, nickel tin |
| PCT-TRS-6LRA    | Torque retaining, 60% thru quad-shield, TRS, right angle          |
| PCT-DRS-6-IF-NT | 60% thru tri-shield, DRS, IEC female, nickel tin                  |
| PCT-DRS-6-IM-NT | 60% thru tri-shield, DRS, IEC male, nickel tin                    |
| PCT-BNC-6       | 60% thru quad-shield, BNC male                                    |
| PCT-RCA-6       | 60% thru quad-shield, RCA male                                    |

#### Series 9

|              |                                                                |
|--------------|----------------------------------------------------------------|
| PCT-ERS-9NT  | Torque retaining, 60% thru quad-shield, ERS, 18 mm, nickel tin |
| PCT-TRS-9    | 60% thru quad-shield, TRS, 18 mm                               |
| PCT-TRS-9LNT | Torque retaining, 60% thru quad-shield, TRS, 18 mm, nickel tin |
| PCT-BNC-9    | 60% thru quad-shield, BNC male                                 |
| PCT-RCA-9NT  | 60% thru quad-shield, RCA male, nickel tin                     |

#### Series 11

|                 |                                                                                                         |
|-----------------|---------------------------------------------------------------------------------------------------------|
| PCT-TRS-11L     | Torque retaining, 60% thru quad-shield (7/16 hex nut), sulfamate nickel plating                         |
| PCT-TRS-11LRA   | Right angle, torque retaining, 60% thru quad-shield (7/16 Hex nut), sulfamate nickel plating            |
| PCT-DRS-11L     | Torque retaining, 60% thru quad-shield (7/16 hex nut), bright acid tin plating                          |
| PCT-DRS-11LB    | Torque retaining, 60% thru quad-shield (9/16 hex nut), bright acid tin plating                          |
| PCT-DRS-11LRANT | Right angle, torque retaining, 60% thru quad-shield (9/16 hex nut), nickel-tin, bright acid tin plating |

#### Series 59

|                  |                                                    |
|------------------|----------------------------------------------------|
| PCT-ERS-59       | Torque retaining, 60% thru quad-shield, ERS, 21 mm |
| PCT-TRS-59       | 60% thru quad-shield, TRS, 18 mm                   |
| PCT-TRS-59L      | Torque retaining, 60% thru quad-shield, TRS, 18 mm |
| PCT-DRS-59-IF-NT | IEC, 67% thru quad-shield, IEC female, nickel tin  |
| PCT-DRS-59-IM-NT | IEC, 60% thru tri-shield, IEC male, nickel tin     |
| PCT-BNC-59       | 60% thru quad-shield, BNC male                     |
| PCT-RCA-59       | 60% thru quad-shield, RCA male                     |

### specifications

#### TRS & DRS Series 59 / 6 / 9 / 11

| parameter                             | specification                              | requirement                                                  | 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 hours salt spray                                       | PASS    |
| Tightening torque                     | ANSI/SCTE 98 2004                          | Tightened to 60 in / lbs without damage                      | PASS    |
| Insertion loss                        | ANSI/SCTE 144 2007                         | < 0.05 dB to 350 MHz, < 0.1 dB to 700 MHz, < 0.2 dB to 1 GHz | PASS    |
| Installation force                    | ANSI/SCTE 73 2007                          | < 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                          | 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 05 2008                          | > -30 dB to 1 GHz                                            | PASS    |
| Salt fog                              | ANSI/SCTE 143 2007                         | > -30 dB return loss to 1 GHz                                | PASS    |
| Shielding effectiveness               | ANSI/SCTE 48-1 2007<br>ANSI/SCTE 48-2 2008 | > -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 | ANSI/SCTE 103 2004                         | < 5 milliohms                                                | PASS    |



PCT-TRS-6L



PCT-BNC-6



PCT-DRS-59-IF-NT



PCT-DRS-59-IM-NT



PCT-TRS-6



PCT-TRSXL-6L



PCT-TRSXL-9L-NT



PCT-TRS-11L

For information, please visit [www.pctinternational.com/PCTEMEA](http://www.pctinternational.com/PCTEMEA).

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