

UXP-4RT-12

UXP-4RT-12 DATA SHEET

4.3–10 Right Angle Connector for 1/2" Annular Cables

| Mechanical | Specification | Comment |
|---|---|---|
| Pull Force Combined | > 200 lbs .89 kN | Cable limited |
| Cable/Connector Torque | 5 ft-lbs 6.7 N-m | Cable limited |
| Interface Durability | 500 Cycles | |
| Electrical | Specification | Comment |
| Frequency Range | DC to 6 GHz | |
| Impedance | 50Ω Nominal | |
| Average Return Loss (VSWR) DTF | > -40dB (1.02) 0–1 GHz, > -36dB (1.03) 1–2 GHz, > -32dB (1.05) 2–4 GHz, -28dB (1.08) 4–6 GHz | As per Anatel 75 |
| Insertion Loss | < .1√F(GHz) | |
| 3rd Order IMD | -153 dBc minimum, -160 dBc typical | As per IEC 62037-2, -3 |
| Voltage Withstand | > 3.0 kV | |
| Shielding Effectiveness | < -120dB | 0–1 GHz |
| Insulation Resistance | 10GΩ initial, 100MΩ after conditioning | |
| Environmental | Specification | Comment |
| Operating Temperature/Storage Temperature | -55°C to +85°C / -55°C to +85°C | |
| Interface Moisture | No leakage, mated or unmated > 1.0 Bar | |
| Moisture Ingress | No leakage | ANSI/SCTE60 2004, IP-67, IP-68, IEC 60529 |
| Corrosion Resistance | 1000 Hours | |
| H.A.L.T. | 40 Hours | |
| General | Specification | Comment |
| Cable Supported | Andrew LDF4, LDF4RK, LDF4 RN; RFS LCF12; NK Draka RFA1200; Eupen EC4, Leoni Flexline 1/2"R; Hansen RF5012, RF5012Z; Rosenberger SL 1/2" R; LS LHF 12D | |
| Weight | 0.381 lbs. 172.8 g | |
| WPS Weather Protection | | |
| Length | 2.531 in 64.3 mm, 2.113 in 53.7 mm | |
| Outer Diameter | 1.040 in 26.4 mm | |
| Hex Width | .88 in 22 mm | |
| Tools | Specification | Comment |
| Cable Preparation | SP-1/2-LDF4D | Bit "U", all cables |
| Connector Compression | HCG-FRAMESET-1/2, HCG-CC | Insert A |
| Torque Wrench | TQ-78-F8 | 8 ft-lbs 10.8 N-m |