

# UXP-4MT-14S



## UXP-4MT-14S DATA SHEET

### 4.3–10 Male Connector for 1/4" Superflexible Cables

| Mechanical                                | Specification  | Comment                                   |
|---|--|---|
| Pull Force Combined                       | > 150 lbs   .67 kN   | Cable limited                             |
| Cable/Connector Torque                    | 1.5 ft-lbs   2 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                         | > 2.5 kV   |   |
| Shielding Effectiveness                   | < -120dB   | 0–1 GHz                                   |
| Insulation Resistance                     | 5GΩ initial, 200MΩ 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 FSJ1-50A, FSJ1RK-50B, RFS SCF14-50J, SCF14-50JF, Hansen RF014S, RFS014SZ              |   |
| Weight                                    | 0.220 lbs.   100 g   |   |
| WPS Weather Protection                    | WPS-N-1S   |   |
| Length                                    | 2.125 in   54 mm   |   |
| Outer Diameter                            | 0.975 in   24.8 mm   |   |
| Hex Width                                 | 0.88 in   22 mm  |   |
| Tools                                     | Specification  | Comment                                   |
| Cable Preparation                         | SP-14S   | No coring required                        |
| Connector Compression                     | HCG-FRAMESET-1/4, HCG-CC   |   |
| Torque Wrench                             | TQ-78-F8   | 8 ft-lbs   10.8 N-m                       |