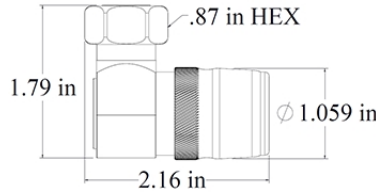


# UXP-4RT-12S

## 4.3-10 Right Angle Connector for 1/2" Superflexible Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

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| General                       | Specification   |                               |
|-------------------------------|---|-------------------------------|
| Interface/gender              | 4.3-10 Right angle male   |                               |
| Cables supported <sup>1</sup> | Andrew FSJ4, FSJ4RK, FSJ4RN-50; RFS SCF 12; NK Draka RFF 1200; Eupen EC4HF; Leoni Flexline 1/2" S; LS/Superior Essex HFSC 12D; Hansen RF5012S, RF5012SZ; Rosenbeger SL 1/2" S; HUBER+SUHNER SF 1/2 HF |                               |
| Weight                        | 0.440 lb   200 g  |                               |
| JMA Weather Protection System | WPS-NRA-4S  |                               |
| Tools required                | JMA part number   | Comment                       |
| Cable preparation             | SP-12S  | No coring required            |
| Connector compression         | HCG-FRAMESET-1/2, HCG-CC  | Insert A                      |
| Torque wrench                 | TQ-78-F8  | 8 lbf·ft   10.85 N·m          |
| Frequency band                | VSWR  | Return loss (dB)              |
| 555–1000 MHz (0-1 GHz)        | 1.02  | 40                            |
| 1000–2700 MHz (1-2 GHz)       | 1.03  | 38                            |
| 2700–3800 MHz (2-4 GHz)       | 1.05  | 30                            |
| 3800–6000 MHz (4-6 GHz)       | 1.08  | 26                            |
| Electrical                    | Specification   | Comment                       |
| Connector impedance           | 50 ohm  |                               |
| Operating frequency band      | DC–6 GHz  |                               |
| 3rd order IMD dynamic, (PIM)  | -161 dBc, typical   | IEC 60237-02, -3              |
| DC test voltage               | 2500 V  |                               |
| Center contact resistance     | ≤ 0.8 milliohm  |                               |
| Outer contact continuity      | 1.5 milliohm max.   |                               |
| Average power                 | 600 W @ 900 MHz   |                               |
| Peak power, max.              | 15 kW   |                               |
| Insertion loss, typical       | 0.05 dB   | Per connector                 |
| Shielding effectiveness       | < -120 dB   | @ 0-1 GHz                     |
| Mechanical                    | Specification   | Comment                       |
| Pull force combined           | .78 kN   >175 lb  | Cable limited                 |
| Cable retention torque        | 6.7 N·m   5 lbf·ft  | Cable limited                 |
| Interface durability          | 100 cycles  | IEC 61169-4:9.5               |
| Environmental                 | Specification   | Test                          |
| Operating temperature         | -55 °C to +85 °C (-67 °F to 185 °F)   |                               |
| Storage temperature           | -55 °C to +85 °C (-67 °F to 185 °F)   |                               |
| Accelerated UV                | 1000 hr   | ASTM G154                     |
| Immersion test method         | Mated & unmated, IP68   | IEC 60529:2001 & ANSI/SCTE 60 |
| Water jetting test method     | Mated & unmated, IP66   | IEC 60529:2001                |
| Mechanical shock test method  | Pass  | IEC 60068-2-27                |
| Thermal shock test method     | Pass  | IEC 60068-2-14                |
| Vibration test method         | 100 m/s <sup>2</sup> , 2 Hz to 200 Hz   | IEC 61169-1:2003              |
| Corrosion test method         | 1000 hr   | IEC 60068-2-11                |

<sup>1</sup>For cable types not listed, please contact JMA Technical Support.

02/07/20