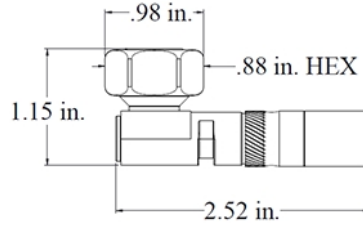




# UXP-4RT-14S

## 4.3-10 Right Angle Connector for 1/4" Superflexible Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:  
1-888-201-6073

[techsupport@jmawireless.com](mailto:techsupport@jmawireless.com)

| General                              |                     | Specification   |                     |                         |  |
|--------------------------------------|---------------------|---|---------------------|-------------------------|--|
| <b>Interface/gender</b>              |                     | 4.3-10 Right angle male   |                     |                         |  |
| <b>Cables supported<sup>1</sup></b>  | <b>Manufacturer</b> | <b>P/N</b>  | <b>Manufacturer</b> | <b>P/N</b>              |  |
|                                      | JMA Wireless        | JMA14S-50   | Wireless Supply     | WS14/SF                 |  |
|                                      |                     | JMA14SP-50  |                     | HUBER+SUHNER            |  |
|                                      | Trilogy             | APC014J50   | SUCOFEEED 1/4 HFFR  |                         |  |
|                                      | CommScope           | FSJ1-50A  | RFS                 | SUCOFEEED 1/4 HF        |  |
|                                      |                     | FSJ1RK-50B  |                     | SCF14-50J               |  |
|                                      |                     | PTS1-50-P   | Eupen               | SCF14-50JFN             |  |
|                                      | Hansen              | RF5014S   | Times               | EC1- 50-HF              |  |
| RF5014SZ                             |                     | SPP-250-LLPL  |                     |                         |  |
| <b>Weight</b>                        |                     | 0.190 lb   86.2 g   |                     |                         |  |
| <b>JMA Weather Protection System</b> |                     | <b>Boot:</b> <a href="#">WPS-4RT-14S</a>   <b>Port seal:</b> <a href="#">WPS-4F</a> |                     |                         |  |
| <b>Tools required</b>                |                     | <b>JMA part number</b>  |                     | <b>Comment</b>          |  |
| <b>Cable preparation</b>             |                     | SP-14S  |                     | No coring required      |  |
| <b>Torque wrench</b>                 |                     | TQ-78-F8  |                     | 8 lbf-ft   10.8 N·m     |  |
|                                      |                     | <b>Compression tool</b>   |                     | <b>Frameset</b>         |  |
| <b>Connector compression options</b> |                     | HCG-CC<br>( RP 240 / RP 210-B / RP 100-B)   |                     | HCG-FS-14B-01           |  |
|                                      |                     | HCG-CC<br>( RP 240 / RP 210-B / RP 100-B)   |                     | HCG-FRAMESET-14B        |  |
| <b>Frequency band</b>                |                     | <b>VSWR</b>   |                     | <b>Return loss (dB)</b> |  |
| DC-1000 MHz                          |                     | 1.02  |                     | 40                      |  |
| 1000-2000 MHz                        |                     | 1.03  |                     | 36                      |  |
| 2000-4000 MHz                        |                     | 1.05  |                     | 32                      |  |
| 4000-6000 MHz                        |                     | 1.08  |                     | 28                      |  |
| <b>Electrical</b>                    |                     | <b>Specification</b>  |                     | <b>Comment</b>          |  |
| <b>Connector impedance</b>           |                     | 50 ohm  |                     |                         |  |
| <b>Operating frequency band</b>      |                     | DC-6 GHz  |                     |                         |  |
| <b>3rd order IMD dynamic, (PIM)</b>  |                     | -161 dBc, typical   |                     | IEC 62037-2, -3         |  |
| <b>DC test voltage</b>               |                     | 1600 V  |                     |                         |  |
| <b>Center contact resistance</b>     |                     | ≤ 0.8 milliohm  |                     |                         |  |
| <b>Outer contact continuity</b>      |                     | 1.0 milliohm max.   |                     |                         |  |
| <b>Average power</b>                 |                     | 600 W @ 900 MHz   |                     |                         |  |
| <b>Peak power, max.</b>              |                     | 6.4 kW  |                     |                         |  |
| <b>Insertion loss, typical</b>       |                     | 0.05 dB   |                     | Per connector           |  |
| <b>Shielding effectiveness</b>       |                     | < -120 dB   |                     | @ 0-1 GHz               |  |
| <b>Mechanical</b>                    |                     | <b>Specification</b>  |                     | <b>Comment</b>          |  |
| <b>Pull force combined</b>           |                     | .67 kN   >150 lb  |                     | Cable limited           |  |
| <b>Cable retention torque</b>        |                     | 2 N·m   1.5 lbf-ft  |                     | Cable limited           |  |
| <b>Interface durability</b>          |                     | 100 cycles  |                     | IEC 61169-4:9.5         |  |

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



# UXP-4RT-14S

## 4.3-10 Right Angle Connector for 1/4" Superflexible Cable

| 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                |

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