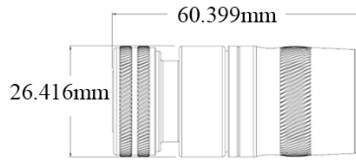




UXP-4MP-12

4.3-10 Male Push-Pull Connector for 1/2" Annular Cable



[Installation video](#)



[Installation instructions](#)



Contact technical support:

1-888-201-6073

techsupport@jmawireless.com

| General | | Specification | | | |
|---|---|-----------------------------|----------------------------|---------------------------|----------------------|
| Interface/gender | | 4.3-10 Male, push-pull type | | | |
| Cables supported¹ | Manufacturer | P/N | Manufacturer | P/N | |
| | JMA Wireless | JMA12-50 | Wireless Supply | WS12 | |
| | | JMA12R-50 | Eupen | EC4 | Leoni Flexline 1/2"R |
| | CommScope | LDF4 | LS/Superior Essex | HFC 12D | |
| | | LDF4RK | | HFAC 12D | |
| | | LDF4 RN | Hansen | RF5012 | |
| | RFS | LCF12 | Belden | RF5012Z | |
| | | LCF12-50JL | | RA500 | |
| NK Draka | RFA1200 | RA500R | | | |
| Rosenberger | SL 1/2" R | | | | |
| Weight | | 97.3 g 0.214 lb | | | |
| JMA Weather Protection System | | N/A | | | |
| Tools required | | JMA part number | | Comment | |
| Cable preparation | | SP-1/2-LDF4D | | "U" bit | |
| Torque wrench | | N/A | | | |
| Connector compression options | Compression tool | | Frameset | Insert | |
| | HCG-CC (RP 240 / RP 210-B / RP 100-B) | | HCG-FS-12-01 | HCG-INS1-12-01 (Insert 1) | |
| HCG-CC (RP 240 / RP 210-B / RP 100-B) | | HCG-FRAMESET-1/2 | HCG-INSERTD-1/2 (Insert D) | | |
| Frequency band | | VSWR | | Return loss (dB) | |
| DC-1000 MHz | | 1.02 | | 40 | |
| 1000-2000 MHz | | 1.03 | | 36 | |
| 2000-4000 MHz | | 1.05 | | 32 | |
| 4000-6000 MHz | | 1.08 | | 28 | |
| Electrical | | Specification | | Comment | |
| Connector impedance | | 50 ohm | | | |
| Operating frequency band | | DC-6 GHz | | | |
| 3rd order IMD dynamic, (PIM) | | -161 dBc, typical | | IEC 62037-2 | |
| DC test voltage | | 2500 V | | | |
| Center contact resistance | | ≤1.0 milliohm | | | |
| Outer contact continuity | | 1.0 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 | | 1.1 kN > 250 lb | | Cable limited | |
| Cable retention torque | | 6.7 N·m 5 lbf·ft | | Cable limited | |
| Interface durability | | 100 cycles | | IEC 61169-4:9.5 | |

¹For cable types not listed, please contact JMA Technical Support.



UXP-4MP-12

4.3-10 Male Push-Pull Connector for 1/2" Annular 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 ² , 2 Hz to 200 Hz | IEC 61169-1:2003 |
| Corrosion test method | 1000 hr | IEC 60068-2-11 |

04/21/26