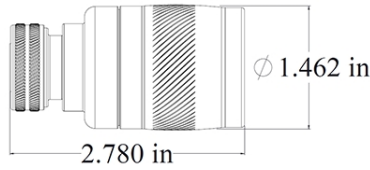


UXP-4MP-78

4.3-10 Male Push-Pull Connector for 7/8" 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 | CommScope | AVA5, AVA5RK | Eupen | EC5 |
| | | AL5 | GT-SAT | HCTAY-50-22 |
| | | LDF5 | Leoni Flexline | 7/8"R |
| | | VXL5 | LS/Superior Essex | LHF 22D |
| | LCF78 | LHF-22DU | | |
| | RFS | LCF78-50JL | Hansen | RF5078 |
| UCF78 | | Rosenberger | SL 7/8" | |
| NK Draka | RFA78 | Hengxin | HCTAY-50-22 | |
| Weight | g lb | JMA Weather Protection System | | N/A |
| Tools required | | JMA part number | | Comment |
| Cable preparation | | SP-78 | | No coring required |
| Connector compression | | HCG-FRAMESET-7/8, HCG-CC | | |
| Torque wrench | | N/A | | |
| 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 62037-2 |
| DC test voltage | | 4000 V | | |
| Center contact resistance | | ≤ 0.4 milliohm | | |
| Outer contact continuity | | 1.5 milliohm max. | | |
| Average power | | 3000 W @ 900 MHz | | |
| Peak power, max. | | 40 kW | | |
| Insertion loss, typical | | 0.05 dB | | Per connector |
| Shielding effectiveness | | < -130 dB | | @ 0-1 GHz |
| Mechanical | | Specification | | Comment |
| Pull force combined | | 1.56 kN > 350 lb | | Cable limited |
| Cable retention torque | | 21.69 N·m 16 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 ² , 2 Hz to 200 Hz | | IEC 61169-1:2003 |
| Corrosion test method | | 1000 hr | | IEC 60068-2-11 |

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