



[Installation video](#)



[Installation instructions](#)



Contact technical support:
1-888-201-6073

techsupport@jmawireless.com

| General | | Specification | | | |
|--------------------------------------|-------------------------|-------------------------|---------------------|-------------|--|
| Interface/gender | N female | | | | |
| Cables supported¹ | Manufacturer | P/N | Manufacturer | P/N | |
| | | AVA5, AVA5RK | Eupen | EC5 | |
| | | AL5 | GT-SAT | HCTAY-50-22 | |
| | | LDF5 | Leoni Flexline | 7/8"R | |
| | RFS | VXL5 | LS/Superior Essex | LHF 22D | |
| | | LCF78 | | LHF-22DU | |
| | | LCF78-50JL | Hansen | RF5078 | |
| | | UCF78 | Rosenberger | SL 7/8" | |
| NK Draka | RFA78 | Hengxin | HCTAY-50-22 | | |
| Weight | 00.514 lb 233.1 g | | | | |
| JMA Weather Protection System | N/A | | | | |
| Tools required | JMA part number | Comment | | | |
| Cable preparation | SP-78 | No coring required | | | |
| Connector compression | HCG-FRAMESET-78, HCG-CC | | | | |
| Hex width | 35 mm 1-3/8 in. | | | | |
| 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, -3 | | | |
| DC test voltage | 2000 V | | | | |
| Center contact resistance | ≤ 0.4 milliohm | | | | |
| Outer contact continuity | 1.5 milliohm max. | | | | |
| Average power | 3000 W @ 900 MHz | | | | |
| Peak power, max. | 10 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 | 50 cycles | IEC 61169-4:9.5 | | | |

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



UXP-NF-78

N Female Connector for 7/8" 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 |

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