



[Installation video](#)



[Installation instructions](#)



Contact technical support:

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| General | | Specification | | | | |
|--------------------------------------|---------------------------------------|---------------|-------------------------|-------------------------------|-------------------|-------------|
| Interface/gender | 4.1-9.5 Male | | | | | |
| Cables supported¹ | JMA Wireless | JMA12P-50 | RFS | ICA12-50JPL | LS/Superior Essex | LHF12DPV |
| | CommScope | HL4RPV-50 | | ICA12-50JPLB | Rosenberger | RLCX-SL012R |
| | | HL4RPV-50B | | ICA12-50JPLR | Eupen | EC4-50PL |
| | | HL4RPV-50R | | ICA12-50JPLW | Belden | RA500P |
| | | AL4RPV-50 | | ICA12-50JPLL | Wireless Supply | 12/WP |
| HUBER+SUHNER | Sucofeed_1/2_PW | ICA12-50JPLLW | | | | |
| Weight | 141 g 0.310 lb | | | | | |
| JMA Weather Protection System | N/A | | | | | |
| Tools required | JMA part number | | Comment | | | |
| Cable preparation | SP-12PL | | Bit "PL" all cables | | | |
| Connector compression | HCG-FRAMESET-1/2, HCG-CC | | Insert C | | | |
| Torque wrench | TQ-78-F8 | | 10.85 N·m 8 lbf·ft | | | |
| Frequency band | VSWR | | Return loss (dB) | | | |
| 555–1000 MHz | 1.02 | | 40 | | | |
| 1000–2700 MHz | 1.03 | | 36 | | | |
| 2700–3800 MHz | 1.05 | | 32 | | | |
| 3800–6000 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 | .89 kN > 200 lb | | | Cable limited | | |
| Cable retention torque | 6.7 N·m 5 lbf·ft | | | Cable limited | | |
| Interface durability | 500 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.