1/2" Factory Fit and Certified Jumpers

for Ericsson 2200 Series Radios

Contact technical support:
1-888-201-6073
techsupport@jmawireless.com

"4E" denotes small form-factor connector

L4EXX(W)(1)-12-XX(M)

WPS 2 | PIGTAIL | LENGTH | METER

CONNECTOR TYPES OFFERED	
DM	DIN MALE
4M	4.3-10 MALE
2M	2.2-5 MALE
DR	DIN MALE, RIGHT ANGLE
4R	4.3-10 MALE, RIGHT ANGLE
4P	4.3-10 MALE, PUSH-PULL
4E	4.3-10 MALE, SMALL CAP
NM	N MALE
NR	N MALE, RIGHT ANGLE
DF	DIN FEMALE
4F	4.3-10 FEMALE
NF	N FEMALE

IF (1) IS PRESENT, COMPRESSION CONNECTOR INCLUDED

IF (W)(1) IS PRESENT, COMPRESSION CONNECTOR INCLUDED WITH WPS

ALL PIGTAILS ARE MADE AS 2X SIZE NEEDED, PIM & RETURN LOSS TESTED AND THEN CUT IN HALF

PIGTAILS MUST BE ORDERED IN EVEN QUANTITIES.

Jumper Length Notes:
- *2' Minimum (0.5 meters)*
- *130' Maximum (40 meters)*
- *65' Max for pigtail (20 meters)*

Electrical	Specification	Comments
Passive Intermodulation, 3rd Order[1]	-160 dBc minimum, dynamic HALT	As per IEC 62037-2, -3, before, during and after HALT testing
Operating frequency	DC - 6 GHz	
Minimum Return Loss (VSWR)	< -28 dB (1.08) 617 - 960 MHz < -28 dB (1.08) 1700 - 2200 MHz < -25 dB (1.08) 2200 - 2700 MHz	As per Anatel 75

[1] 100% of jumpers factory-tested with result available via web-based portal (link below)

Highly Accelerated Life Tests (HALT)	Specification	Comments
Mechanical stress, dynamic	Meets electrical performance in above table before, during, and after test.	As per IEC 62037-2, -3
Peak pull strength	> 350 lb min, ½" annular jumpers	Cable limited, cable must fail before connection
Cable torque	> 60 lbf·in min, ½" annular jumpers	Cable limited, cable must fail before connection
Thermal shock	Meets electrical performance in above table before and after test.	As per Anatel 75, before, during, and after HALT testing
Thermal stress	Meets electrical performance in above table before, during, and after test.	-55 °C to +85 °C, cycled every 2 hours for 30 days minimum
Moisture migration	Meets electrical performance in above table before, during, and after test. No dye present past seals at 10X magnification.	ANSI/SCTE 60 5 day submersion with thermal cyc-ling.
Corrosion resistance	Corrosion must not penetrate plating into base metals; plating must stay adhered to base metal.	ASTM B117-94, 1000 hour duration
UV exposure	Materials must show no signs of discoloration or embrittlement after 12 months exposure, equal to 33.4 years outdoors.	Full UV spectrum (UVA, UVB, UVC), 12 months exposure with moisture present per ASTM G155
Vibration	Meets electrical performance in above table before, during, and after test	

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Jumper part number and description samples	
L4E4MW-12-8	Jumper, 4E to 4MT, ½" Annular, WPS, 8 ft

Customer Support		
Jumper performance portal		
Request connector training		
Customer service	1-315-431-7100	customerservice@jmawireless.com

All specifications are subject to change without notice.