

1/4" Factory Fit and Certified Jumpers



Contact technical support:
1-888-201-6073
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WPS TYPES OFFERED	
SEALS OFFERED FOR	PORT SEAL INCLUDED
DM, DR	WPS-DF
4M, 4R	WPS-4F
2M	WPS-2F
1M	WPS-1F
NM, NR	WPS-NF
MM, MR	WPS-MDF

CABLE TYPES OFFERED	
14S	3/4" SUPERFLEX, FOAM
14SP*	3/4" SUPERFLEX, PLENUM

JMA-XX(W)(XX)(W)(1)-XX-XX(M)

CONNECTOR 1 CONNECTOR 2 WPS 1 WPS 2 PIGTAIL LENGTH METER

6 GHz READY ¹	CONNECTOR TYPES OFFERED	
	DM	DIN MALE
✓	4M	4.3-10 MALE
✓	2M	2.2-5 MALE
✓	1M	NEX10 MALE
	DR	DIN RIGHT ANGLE
	4R	4.3-10 RIGHT ANGLE MALE
	1R	NEX10 RIGHT ANGLE MALE
	2R	2.2-5 RIGHT ANGLE
	NM	N MALE
	NR	N RIGHT ANGLE
	MM	4.1-9.5 DIN MALE
	MR	4.1-9.5 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:**

- 1' Minimum (0.3 meters)
- 130' Maximum (40 meters)
- 65' Max for pigtail (20 meters)

Coming Soon

Coming Soon

Electrical	Specification	Comments
Passive Intermodulation, 3rd Order ¹	-155 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 (1.12) 2200 - 2700 MHz < -20 dB (1.22) 3400 - 3800 MHz ² < -20 dB (1.22) 5150 - 5925 MHz ²	As per Anatel 75

*Minimum Return Loss @ 1700-2200 MHz is < -25 dB when selecting 14SP cable.

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

² Jumpers manufactured with 6 GHz-ready connectors will be factory-tested to 6 GHz.

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	> 150 lb min, 1/4" superflexible jumpers	Cable limited, cable must fail before connection
Cable torque	> 15 lbf·in min, 1/4" superflexible 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 cycling.
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	

Jumper part number and description samples		
JMA-4MW4RW-14S-8	Jumper, 4.3-10 to 4.3-10 RA, 1/4" Superflex, WPS, 8 ft	
JMA-4M4M-14S-25	Jumper, 4.3-10 to 4.3-10, 1/4" Superflex, 25 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.