

Innovation in Every Wave

JW500 Series of coaxial Jumper Cables with weather-proof Boots are built for reliable Low-PIM performance in most demanding outdoor applications. These 1/2" cables have low VSWR from 600 – 6000MHz and have excellent mechanical characteristics. The weather-proof boots are made with flexible Silicone material. The cables are made with superior construction methods to ensure that the specifications remain stable even with temperature and environmental changes. Please specify the cable length (end-to-end) with the connector configuration while ordering.

FEATURES:

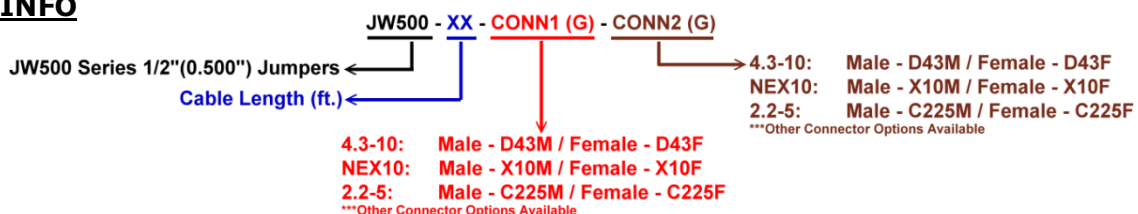
- 1/2" (0.500") flexible Jumper Cables with weather-proof Boots
- -165dBc PIM Rated
- Low Density Foam Coaxial Cable
- Corrugated Copper Tubed Outer Conductor
- Silver Plated Brass Connector Inner Conductor
- Albaloy Plated Outer Connector for excellent corrosion resistance
- Silicon Rubber Connector Gasket
- Halogen-free, Black/Blue PE Jacket
- Flexible Silicone weather-proof boots
- Available with different Connector options



SPECIFICATIONS:

Frequency Bands		600 MHz – 6000 MHz														
Attn	GHz	0.60	0.80	1.00	1.50	1.80	2.10	2.40	2.70	3.30	3.60	3.90	4.20	5.00	5.50	6.00
versus	dB/100 m	8.9	10.4	11.8	14.8	16.5	18.0	19.5	20.9	23.3	25.1	26.3	27.4	30.7	32.9	34.5
Freq	dB/100 ft	2.7	3.2	3.5	4.5	5.0	5.5	5.9	6.4	7.0	7.7	8.0	8.3	9.4	9.8	10.5
Power (W)		1K	1K	900	700	650	575	550	500	430	400	400	375	325	325	300
Return Loss		25 dB (min)									23 dB (min)					
Impedance		50 Ohms														
Insulation Res		≥ 10000 MΩ														
PIM - 3 rd		-165 dBc (2 Tones +43 dBm)														
Mating Durability		≥ 500 cycles														
Shock Test Method		MIL-STD-202, Method 213-D														
Vibration Test		MIL-STD-202, Method 204-A														
Operating Temp		-40°C to +70°C														
Environmental		IP67														
RoHS Compliance		Yes														
Standard Length		10ft, 20ft, 30ft, 40ft, 50ft, 60ft, 80ft, 100ft (Custom Lengths Available)														

ORDERING INFO



Example: 30 Feet Jumper Cable (w/Boots) with 4.3-10(M) and NEX10(M) Connectors --- PN: JW500-30-D43M-X10M

Please contact our sales department at 737-200-7090 or sales@InnowaveRF.com for any custom requirements.

© Innowave RF, LLC. All Rights Reserved. Specs can change without notice. Drawings are for reference purpose only.