

**J500 Series** of coaxial Jumper Cables are built for reliable Low-PIM performance in most demanding applications. These 1/2" cables have low VSWR from 600 – 6000MHz and have excellent mechanical characteristics. Superior construction materials in these cables 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:**

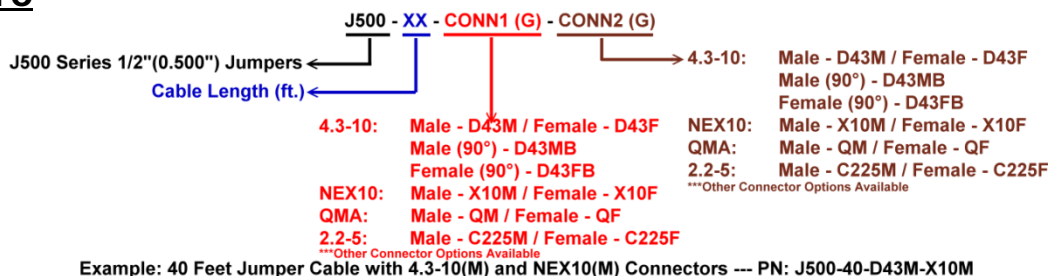
- 1/2" (0.500") flexible Jumper Cables
- -165dBc PIM Rated
- Low Density Foam Coaxial Cable
- Corrugated Copper Tubed Outer Conductor
- Silver Plated Brass Connector Inner Conductor
- Albaloy Plated Outer Connector for excellent corrosion resistance
- Silicon Rubber Connector Gasket
- Halogen-free, Black/Blue PE Jacket
- 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 <sup>rd</sup>		-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**



Please contact our sales department at 737-200-7090 or [sales@InnowaveRF.com](mailto:sales@InnowaveRF.com) for any custom requirements.

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