

#### Innovation in Every Wave

**J250 Series** of coaxial Jumper Cables are built for reliable Low-PIM performance in most demanding applications. These ¼" fire-retardant plenum rated 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:

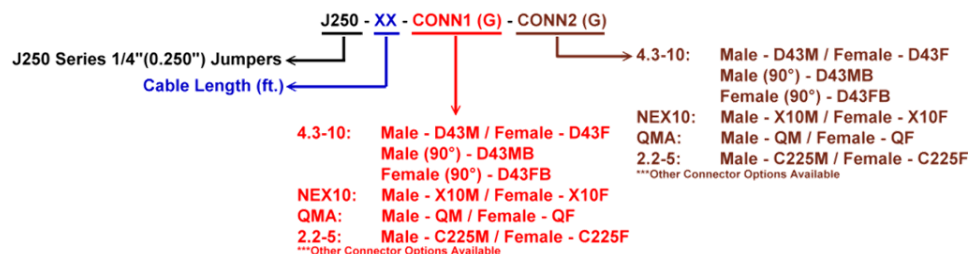
- ¼" (0.250") flexible Jumper Cables
- -165dBc PIM Rated
- Fire-retardant, plenum rated; meets IEC60332-1-2
- Low Density Foam Coaxial Cable
- Corrugated Copper Tubed Outer Conductor
- Silver Plated Brass Connector Inner Conductor
- Albaloy Plated Outer Connector for excellent corrosion resistance
- 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	14.7	17.1	19.4	24.1	26.5	29.2	31.5	33.9	37.2	39.4	42.0	42.8	47.9	51.0	53.5	
Freq	dB/100 ft	4.5	5.3	5.9	7.4	8.0	8.9	9.5	10.0	10.2	12.0	12.6	13.1	14.6	15.3	16.4	
Power (W)		450	375	330	275	245	230	210	190	175	165	158	153	138	130	124	
Return Loss		25 dB (min)									23 dB (min)						
Impedance		50 Ohms															
Insulation Res		≥ 5000 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		1ft, 3ft, 6ft, 10ft, 15ft, 20ft (Custom Length 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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