



HJ9-50, HELIAX® Standard Air Dielectric Coaxial Cable, corrugated copper, 5 in, black PE jacket

Specification Tables

Cable Impedance	50 ohm ± 1 ohm
Capacitance	71.2 pF/m 21.7 pF/ft
dc Resistance, Inner Conductor	0.328 ohms/km 0.100 ohms/kft
dc Resistance, Outer Conductor	0.131 ohms/km 0.040 ohms/kft
dc Test Voltage	27500 V
Inductance	1.870 µH/m 0.057 µH/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	12000 V
Operating Frequency Band	1 - 960 MHz
Peak Power	1890.0 kW
Power Attenuation	6.661
Velocity	93%
Installation Temperature	-40°C to +60°C (-40°F to +140°F)
Operating Temperature	-55°C to +85°C (-67°F to +185°F)
Storage Temperature	-70°C to +85°C (-94°F to +185°F)
Bending Moment	271.2 N-m 200.0 ft lb
Flat Plate Crush Strength	275.0 lb/in 4.9 kg/mm
Minimum Bend Radius, Multiple Bends	1270.00 mm 50.00 in
Pressurization, maximum	0 N/mm ² 30 psi
Number of Bends, minimum	15
Number of Bends, typical	30
Tensile Strength	454 kg 1000 lb

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