



HJ9HP-50, HELIAX® High Power Air Dielectric Coaxial Cable, corrugated copper, 5 in, black PE jacket

### Specification Tables

Cable Impedance	50 ohm $\pm$ 1 ohm
Capacitance	68.2 pF/m   20.8 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	26000 V
Inductance	1.870 $\mu$ H/m   0.057 $\mu$ H/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	12000 V
Operating Frequency Band	1 - 960 MHz
Peak Power	1690.0 kW
Power Attenuation	13.34
Velocity	96%
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	240.0 lb/in   4.3 kg/mm
Minimum Bend Radius, Multiple Bends	1270.00 mm   50.00 in
Pressurization, maximum	0 N/mm <sup>2</sup>   30 psi
Number of Bends, minimum	15
Number of Bends, typical	30
Tensile Strength	454 kg   1000 lb

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