



HJ8-50B, HELIAX® Standard Air Dielectric Coaxial Cable, corrugated copper, 3 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	0.492 ohms/km 0.150 ohms/kft
dc Resistance, Outer Conductor	0.229 ohms/km 0.070 ohms/kft
dc Test Voltage	16000 V
Inductance	1.870 µH/m 0.057 µH/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	10000 V
Operating Frequency Band	1 - 1640 MHz
Peak Power	640.0 kW
Power Attenuation	5.997
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	40.7 N-m 30.0 ft lb
Flat Plate Crush Strength	175.0 lb/in 3.1 kg/mm
Minimum Bend Radius, Multiple Bends	762.00 mm 30.00 in
Pressurization, maximum	0 N/mm ² 30 psi
Number of Bends, minimum	15
Number of Bends, typical	25
Tensile Strength	340 kg 750 lb

Trusted for Decades. Ready for Tomorrow.