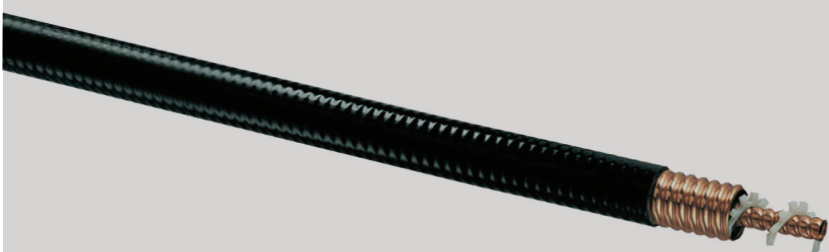


HJ7-50A, HELIAX® Standard Air Dielectric Coaxial Cable, corrugated copper, 1-5/8 in, black PE jacket



Specification Tables

Cable Impedance	50 ohm \pm 1 ohm
Capacitance	72.5 pF/m 22.1 pF/ft
dc Resistance, Inner Conductor	0.722 ohms/km 0.220 ohms/kft
dc Resistance, Outer Conductor	0.328 ohms/km 0.100 ohms/kft
dc Test Voltage	11000 V
Inductance	1.870 μ H/m 0.057 μ H/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	10000 V
Operating Frequency Band	1 - 2700 MHz
Peak Power	305.0 kW
Power Attenuation	3.356
Velocity	92%
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	508.00 mm 20.00 in
Pressurization, maximum	0 N/mm ² 30 psi
Number of Bends, minimum	15
Number of Bends, typical	30
Tensile Strength	340 kg 750 lb

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