

LDF4-50A, HELIAX® Low Density Foam Coaxial Cable, corrugated copper, 1/2 in, black PE jacket



Specification Tables

Cable Impedance	50 ohm \pm 1 ohm
Capacitance	75.8 pF/m 23.1 pF/ft
dc Resistance, Inner Conductor	1.480 ohms/km 0.450 ohms/kft
dc Resistance, Outer Conductor	2.690 ohms/km 0.8220 ohms/kft
dc Test Voltage	4000 V
Inductance	0.190 μ H/m 0.058 μ H/ft
Insulation Resistance	100000 Mohms•km
Jacket Spark Test Voltage (rms)	8000 V
Operating Frequency Band	1 - 8800 MHz
Peak Power	40.0 kW
Velocity	88%
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	3.8 N•m 2.8 ft lb
Flat Plate Crush Strength	110.0 lb/in 2.0 kg/mm
Minimum Bend Radius, Multiple Bends	127.00 mm 5.00 in
Minimum Bend Radius, Single Bend	50.80 mm 2.00 in
Number of Bends, minimum	15
Number of Bends, typical	30
Tensile Strength	113 kg 250 lb

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