



AVA7-50, HELIAX® Andrew Virtual Air™ Coaxial Cable, corrugated copper, 1-5/8 in, black PE jacket

Specification Tables

Cable Impedance	50 ohm \pm 1 ohm
Capacitance	72.2 pF/m 22.0 pF/ft
dc Resistance, Inner Conductor	1.435 ohms/km 0.410 ohms/kft
dc Resistance, Outer Conductor	0.525 ohms/km 0.160 ohms/kft
dc Test Voltage	15000 V
Inductance	0.187 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	302.0 kW
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	47.5 N•m 35.0 ft lb
Flat Plate Crush Strength	90.0 lb/in 1.6 kg/mm
Minimum Bend Radius, Multiple Bends	381.00 mm 15.00 in
Minimum Bend Radius, Single Bend	203.20 mm 8.0 in
Number of Bends, minimum	15
Number of Bends, typical	30
Tensile Strength	181 kg 400 lb

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