



AVA5-50, HELIAX® Andrew Virtual Air™ Coaxial Cable, corrugated copper, 7/8 in, black PE jacket

### Specification Tables

<b>Cable Impedance</b>	50 ohm $\pm$ 1 ohm
<b>Capacitance</b>	22.0 pF/m   73.0 pF/ft
<b>dc Resistance, Inner Conductor</b>	1.435 ohms/km   0.410 ohms/kft
<b>dc Resistance, Outer Conductor</b>	1.116 ohms/km   0.340 ohms/kft
<b>dc Test Voltage</b>	6000 V
<b>Inductance</b>	0.184 $\mu$ H/m   0.056 $\mu$ H/ft
<b>Insulation Resistance</b>	100000 Mohms•km
<b>Jacket Spark Test Voltage (rms)</b>	8000 V
<b>Operating Frequency Band</b>	1 - 5000 MHz
<b>Peak Power</b>	91.0 kW
<b>Velocity</b>	91%
<b>Installation Temperature</b>	-40°C to +60°C (-40°F to +140°F)
<b>Operating Temperature</b>	-55°C to +85°C (-67°F to +185°F)
<b>Storage Temperature</b>	-70°C to +85°C (-94°F to +185°F)
<b>Bending Moment</b>	19.0 N•m   14.0 ft lb
<b>Flat Plate Crush Strength</b>	75.0 lb/in
<b>Minimum Bend Radius, Multiple Bends</b>	254.00 mm   10.00 in
<b>Minimum Bend Radius, Single Bend</b>	127.00 mm   5.0 in
<b>Number of Bends, minimum</b>	15
<b>Number of Bends, typical</b>	30
<b>Tensile Strength</b>	159 kg   350 lb

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