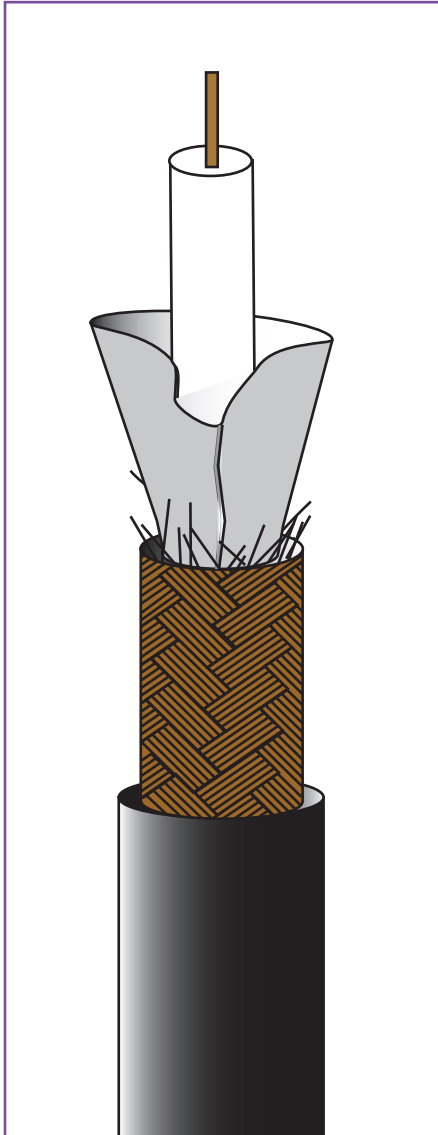


1505A Coax Cable

Part number: 204-104



Technical Specification:

Cable size group: J

Inner conductor:	BC - Bare Copper Diameter 0.8128
Dielectric:	Gas-injected FHDPE - Foam High Density Polyethylene
Screen 1:	Aluminum Foil-Polyester Tape-Aluminum Foil Duofoil® Coverage: 100%
Screen 2:	tinned copper braid Coverage 90% ± 5%
Construction:	Coaxial cable
Jacket:	PVC - Polyvinyl Chloride Overall Nominal Diameter: 5.918 mm

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +75°C

UL Temperature Rating: 75°C

Bulk Cable Weight: 46.134 Kg/Km

Max. Recommended Pulling Tension: 209.065N

Min. Bend Radius/Minor Axis: 63.500 mm

Electrical characteristics

Mean characteristic impedance: $75 \pm 3 \Omega$

Nominal capacitance conductor to shield: 53.4803 pF/m

Nominal velocity of propagation: 82%

Nominal Outer Shield DC Resistance: 12.4678

Nom. Conductor DC Resistance: 32.81

Freq. (MHz)	Attenuation (dB/100m)
1.000	0.984
25.000	4.265
100.000	7.546
270.000	12.468
540.000	18.046
750.000	21.327
1000.000	24.936
1500.000	30.513
2000.000	35.763
3000.000	43.965
4500.000	53.808