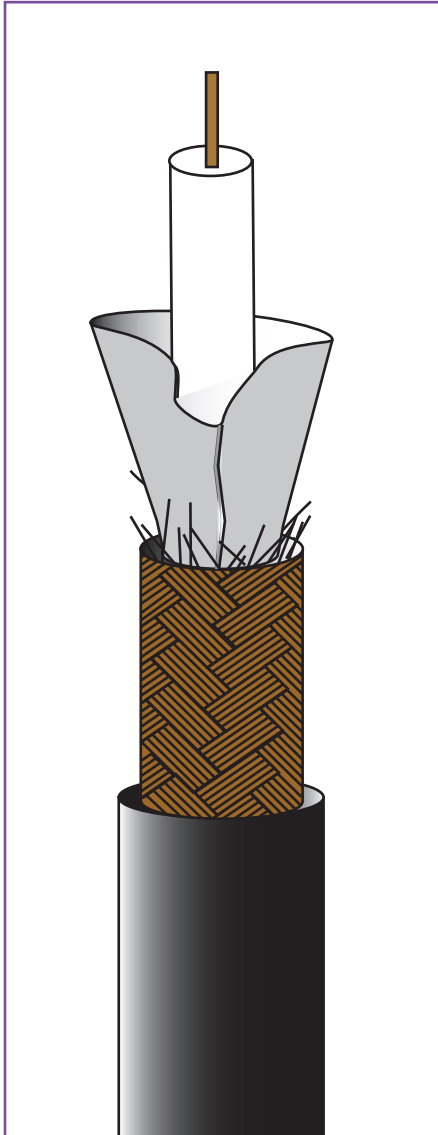


1694A Coax Cable

Part number: 204-105



Technical Specification:

Cable size group: J

Inner conductor:	BC - Bare Copper Diameter 1.016
Dielectric:	Gas-injected FHDPE - Foam High Density Polyethylene Dia. (mm): 4.572
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: 6.960 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 61.016 Kg/Km

Max. Recommended Pulling Tension: 306.926 N

Min. Bend Radius/Minor Axis: 69.850 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: 9.1868

Nom. Conductor DC Resistance: 20.9984

Freq. (MHz)	Attenuation (dB/100m)
1.000	0.787
25.000	3.543
100.000	6.398
270.000	10.401
540.000	15.093
750.000	18.046
1000.000	21.064
1500.000	26.215
2000.000	30.743
3000.000	38.650
4500.000	48.953