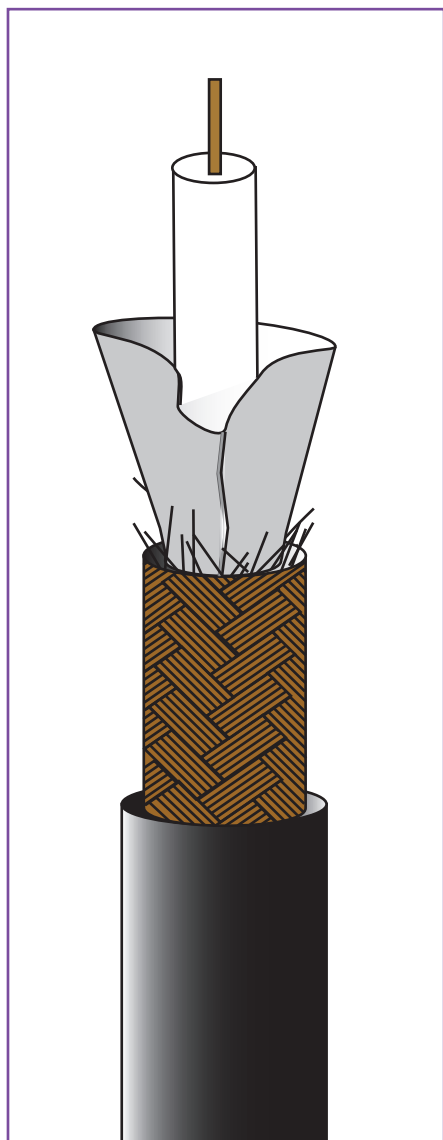


7731A Coax Cable

Part number: 204-106



Technical Specification:

Cable size group: J

Inner conductor:	BC - Bare Copper Diameter 1.6256
Dielectric:	Gas-injected FHDPE - Foam High Density Polyethylene Dia. (mm): 7.112
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: 10.160 mm

Mechanical Characteristics (Overall)

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

UL Temperature Rating: 75°C

Bulk Cable Weight: 129.473 Kg/Km

Max. Recommended Pulling Tension: 644.989 N

Min. Bend Radius/Minor Axis: 101.600 mm

Freq. (MHz)	Attenuation (dB/100m)
1	0.52
10	1.50
100	4.19
180	5.54
360	8.03
540	10.03
1000	14.10
1500	18.04
2000	20.99
3000	26.90
4500	34.12

Electrical characteristics

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

Nominal capacitance conductor to shield: 52.496 pF/m

Nominal velocity of propagation: 85a%

Nominal Outer Shield DC Resistance: 4.9215

Nom. Conductor DC Resistance: 8.2025