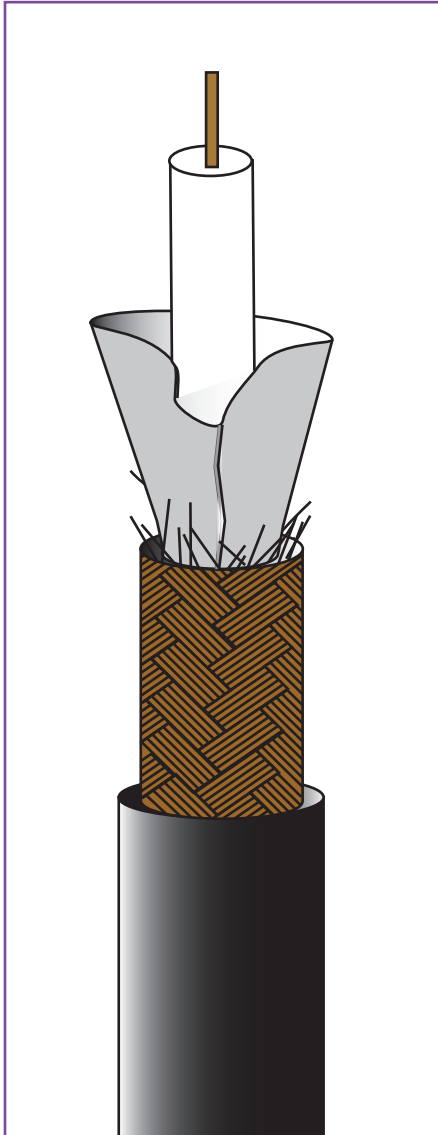


## 1694F Coax Cable

Part number: 204-108



### Electrical characteristics

Mean characteristic impedance:  $75 \pm 3 \Omega$   
 Nominal capacitance conductor to shield: 53.1522  
 Nominal velocity of propagation: 81%  
 Nominal Outer Shield DC Resistance: 5.5777  
 Nom. Conductor DC Resistance: 27.8885

### 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:	Braid TC - Tinned Copper Coverage: 95%
Screen 2:	tinned copper braid Coverage 90% $\pm$ 5%
Construction:	Coaxial cable
Jacket:	PVC - Polyvinyl Chloride Overall Nominal Diameter: 7.010 mm

### Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +75°C  
 UL Temperature Rating: 75°C  
 Bulk Cable Weight: 74.410 Kg/Km  
 Max. Recommended Pulling Tension: 364.752 N  
 Min. Bend Radius/Minor Axis: 69.850 mm

Freq. (MHz)	Attenuation (dB/100m)
1	0.787
10	2.362
100	7.874
180	10.827
360	15.421
540	19.358
1000	26.904
1500	34.122
2000	40.356
3000	51.184
4500	64.964