

Residential Cable

RG-6 Tri-Shield

Catalog # 5783

Non-Plenum: TYPE CMR(ETL)C(ETL)

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

18 AWG Solid Copper
Nom. Dia: 0.0403"

DIELECTRIC:

Foam Polyethylene
Dia. over Dielectric: 0.180" +/- 0.004

INNER SHIELD:

Inner Foil: Aluminum/Poly Tape 0.003"
Dia. over Inner Tape: 0.186"

Braid: 34 AWG Aluminum
60% Coverage

Dia. over Braid: 0.212"

Outer Foil: Aluminum/Poly Tape 0.003"
Diameter over Outer Tape: 0.218"

JACKET:

FR-PVC
Dia. over Jacket: 0.278" +/- 0.008"
Nominal Jacket Thickness: 0.030"
Minimum Spot: 0.021"

Center Conductor

Dielectric

Aluminum Foil

Braid

Aluminum Foil

Jacket



ELECTRICAL PROPERTIES:

SPARKER TEST:

4000 VAC

DIELECTRIC STRENGTH:

Conductor to Shield: 3 Sec @ 3000 VDC

CAPACITANCE:

16.2 pF./FT. Nom.

IMPEDANCE:

75.0 +/- 3.0 Ohms

VELOCITY OF PROPAGATION:

82.0% Nom.

DCR: Conductor:

6.4 Ohms/1000 FT.

SRL:

15 dB (950 thru 2200 MHz) 100% Swept Tested

MECHANICAL PROPERTIES:

MINIMUM BEND RADIUS:

Loaded: 20 Times Cable OD

Unloaded: 10 Times Cable OD

CABLE TEMP. RATING:

Temp: 75°C

ATTENUATION:

dB/100 FT. (NOM.)	@ FREQUENCY MHz
1.95 dB	100 MHz
5.90 dB	900 MHz
6.30 dB	1000 MHz
7.60 dB	1450 MHz
8.20 dB	1800 MHz