

RG6 QUAD Bare Copper

75 Ohm Coaxial Cable

No.1203

Plenum: CMP(UL)C(UL)

CABLE CONSTRUCTION:

CENTER CONDUCTOR: 18 AWG Solid Copper
DIELECTRIC: Foam FEP
Dia.over Dielectric: 0.170" Nom. (4.32mm)

INNER SHIELD:

Foil: Aluminum/Poly Tape
Braid: 34 AWG Aluminum
60% Coverage
Nom. Dia: 0.200" (5.08mm)

OUTER SHIELD:

Foil: Aluminum/Poly Tape
Braid: 34 AWG Aluminum
40% Coverage
Nom. Dia: 0.228" (5.79mm)

JACKET:

Plenum PVC
Dia. over Jacket: 0.260" ± 0.006" (6.6 ± 0.15mm)
Nominal Jacket Thickness: 0.013" (0.33mm)
Minimum Spot: 0.012" (0.30mm)



MARKING: E223070 18AWG BC (UL) OR C(UL) CMP FT6 US VERIFIED RG6/U
QUAD SHIELD CATV SWEEP TO 3.0 GHZ (ETL) ****FT

ELECTRICAL PROPERTIES:

SPARKER TEST: 2500V
DIELECTRIC STRENGTH: Conductor to Shield: 2000VDC
CAPACITANCE: 15.5pF/FT. Nom. 50.9pF/m. Nom.
IMPEDANCE: 75.0 ± 3.0 Ohms
VELOCITY OF PROPAGATION: 84.0% Nom.
DCR: Conductor: 6.4 Ohms/1000 FT. 21.0 Ohms/Km
Shield: 5.3 Ohms/1000 FT. 17.4 Ohms/Km
SRL: 20dB (5 thru 1000MHz) 100% Swept Tested
15dB (1000 thru 3000MHz) 100% Swept Tested

ATTENUATION:

FREQUENCY MHz	dB/100FT.(NOM.)	dB/100M.(NOM.)
1MHz	0.4dB	1.31dB
10MHz	0.9dB	2.95dB
50MHz	1.6dB	5.25dB
100MHz	2.2dB	7.22dB
200MHz	3.0dB	9.84dB
400MHz	4.33dB	14.21dB
700MHz	6.25dB	20.51dB
900MHz	7.3dB	23.95dB
1000MHz	7.9dB	25.92dB
1200MHz	8.4dB	27.56dB
1450MHz	9.7dB	31.82dB
1800MHz	11.00dB	36.09dB
2200MHz	12.00dB	39.37dB
3000MHz	13.8dB	45.28dB