



WhizzWire & Cable
a division of Global Matrix Merchandising Inc.

Specification for RG6 CMP - CATV Coax Cable 75 Ohm

UL FILE No.: E356794

CABLE CONSTRUCTION:

CENTER CONDUCTOR:

18 AWG Copper Covered Steel
Nom.Dia:0.0401"(1.02±0.01mm)

DIELECTRIC:

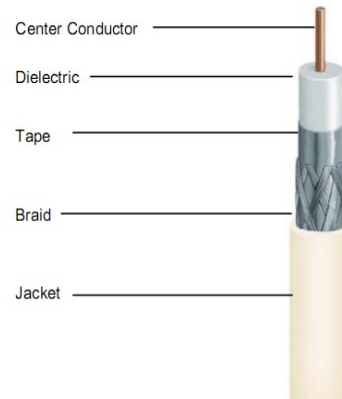
Foam FEP
Dia.over Dielectric:0.17"Nom.(4.32±0.10mm)
Concentricity:≥85%

SHIELD:

Tape:Aluminum/Poly(Bonded)
Braid:34 AWG Aluminum
80% Coverage
Nom.Dia:0.20"±0.006"(5.1±0.15mm)

JACKET:

Material:Plenum PVC
Wall Thickness:0.018".Nom(0.46mm)
OD: 0.236"±0.008"(6.0±0.2mm)



MARKINGS:

**WHIZZ WIRE & CABLE RG6/U DUAL SHIELDED 80% AL TESTED TO 3.0GHZ 18AWG -
40C — +75C E356794 UL C(UL) CMP 04/19 ****FT**

ELECTRICAL PROPERTIES:

OPERATING TEMP:	-40°C ~ +75°C
SPARKER TEST:	2500V
DIELECTRIC STRENGTH:	Conductor to Shield:2000VDC
CAPACITANCE:	16.0pF/FT.Nom. 52.5pF/m.Nom.
CHARACTERISTIC IMPEDANCE:	75.0±3.0 Ohms
VELOCITY OF PROPAGATION:	84% Nom.
DCR: Conductor:	28.6 Ohms/1000 FT. 93.8 Ohms/Km
SRL:	20dB(1 thru 300MHz)100% Swept Tested 11dB(300 thru 3000MHz)100% Swept Tested

ATTENUATION:

FREQUENCY MHz	dB/100FT.(NOM.)	dB/100M.(NOM.)
1MHz	0.42	1.38
10MHz	0.95	3.12
50MHz	1.60	5.25
100MHz	2.20	7.22
200MHz	3.20	10.50
400MHz	4.70	15.42
700MHz	6.60	21.65
900MHz	7.90	25.92
1000MHz	8.20	26.90
1200MHz	8.80	28.87
1450MHz	10.10	33.14
1800MHz	11.80	38.71
2200MHz	13.50	44.29
3000MHz	16.50	54.13