



Description

RG-6/U 60% CMR CATV 75 Ω Coaxial Cable

Applicable Standards

Reference Standard

SCTE IPS-SP-001 UL 1655, UL 13, UL 444, ROHS

Physical Characteristics

Conductor	Solid	Copper Clad Steel
AWG		18
Diameter	(inches)	0.04
Insulation		Foam Polyethylene
Nom. Thickness	(inches)	0.073
Insulation Diameter	(inches)	0.186
Braid Shield		Aluminum Wire
Coverage Area	(%)	60
Braid Diameter	(inches)	0.213
Jacket		PVC
Cable Diameter	(inches)	0.2716
Nom. Thickness	(inches)	0.0295
Nominal Weight	500'	16 lbs.
	1,000' (Pullbox & Reel)	30 lbs.

Cable Marking

RG6/U 18AWG CMR FT4 XXXXXX VERIFIED TO C(ETL)US CATV
SWEPT TO 3.0 GHZ ****FT

Electrical Performance

Frequency (MHz)	Attenuation (dB/100m)	Frequency (MHz)	Attenuation (dB/100m)
5	2.66	550	16.70
55	5.25	600	17.52
211	10.10	750	19.69
250	11.02	870	21.33
270	11.48	1000	22.97
300	12.14	1250	25.00
350	13.15	1450	26.37
400	14.11	2200	31.16
450	15.03	2400	32.83
500	15.88	3000	37.88

Electrical Characteristics

Temperature Rating	(°C)	-20 to 60
Impedance	(± 3.0 Ohms)	75
Capacitance	(pF/ft)	15.5
Conductor DCR@20° C	(ohms/1000ft)	28.6
Velocity of Propagation	(%)	84
ROHS Compliant		Yes

Part Numbers

Part Numbers	Color	Put-up	
RG6U-500-BLK	Black	500'	Pullbox
RG6U-1K-BLK	Black	1,000'	Pullbox
RG6U-500-WHT	White	500'	Pullbox
RG6U-1K-WHT	White	1,000'	Pullbox

