



Description

RG-6 QUAD SHIELD BARE COPPER CATV 75 Ω Coaxial Cable

Applicable Standards

Reference Standard

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

Physical Characteristics

Conductor		Bare Copper
AWG		18
Diameter	(inches)	0.0401
Insulation		Skin Foamed PE
Nom. Thickness	(inches)	0.0728
Insulation Diameter	(inches)	0.1858
Braid Shield		Aluminum
Coverage Area	(%)	60
Braid Diameter	(inches)	0.213
Jacket		PVC
Jacket Diameter	(inches)	0.2716
Nom. Thickness	(inches)	0.0295
Nominal Weight		36 lbs.

Cable Marking

RG6/U QUAD SHIELD 18AWG BC 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	21.30
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
Impedence	(± 3.0 Ohms)	75
Capacitance	(pF/ft)	15.5
Conductor DCR@20° C	(ohms/1000ft)	28.6
Velocity of Propagation	(%)	84
ROHS Compliant		Yes
NEC Rating		CM

Part Numbers

Part Numbers	Color	Put-up
RG6QRBK1-BC	Black	1,000' Pullbox
RG6QRWH1-BC	White	1,000' Pullbox