



Description

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

Applicable Standards

Reference Standard

UL910
NEC 725 & 800

Physical Characteristics

Conductor	Solid	Bare Copper
AWG		18
Diameter	(inches)	0.040
Insulation		FOAM FEP
Insulation Diameter	(inches)	0.170
Inner Shield		Aluminum/Poly Tape
Foil		Aluminum
Braid		Aluminum
Coverage Area	(%)	60
Nom. Diameter	(inches)	0.200
Outer Shield		Aluminum/Poly Tape
Foil		Aluminum
Braid		Aluminum
Coverage Area	(%)	40
Nom. Diameter	(inches)	0.228
Jacket		Plenum PVC
Jacket Diameter	(inches)	0.260
Nom. Jacket Thickness	(inches)	0.013
Nominal Weight		36 lbs.

Cable Marking

XXXXXX 18AWG CMP FT6 BC RG6/U QUAD SHIELD VERIFIED TO C(UL)US CATV SWEPT TO 3.0 GHZ ****FT

Electrical Performance

Frequency (MHz)	Attenuation (dB/100FT)	Frequency (MHz)	Attenuation (dB/100FT)
1	0.40	900	7.30
10	0.92	1000	7.90
50	1.60	1200	8.40
100	2.20	1450	9.70
200	3.00	1800	11.00
400	4.33	2200	12.00
700	6.25	3000	13.80

Electrical Characteristics

Temperature Rating	(°C)	-20 to 60
Impedence	(± 3.0 Ohms)	75
Capacitance	(pF/ft)	15.5
Conductor DCR@20° C	(ohms/1000ft)	6.4
Velocity of Propagation	(%)	84
ROHS Compliant		Yes
NEC Rating		CMP

Part Numbers

Part Number	Color	Put-up
	White	1,000' Pullbox