



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	14.00

Description		
RG-6/U QUAD PLENUM CATV 75 Ω Coaxial Cable		
Applicable Standards		
Reference Standard		
UL910		
NEC 725 & 800		
Physical Characteristics		
<b>Conductor</b>	Solid	<b>C.C.S.</b>
AWG		18
Diameter	(inches)	0.040
<b>Insulation</b>		<b>FOAM FEP</b>
Insulation Diameter	(inches)	0.170
<b>Inner Shield</b>		
Foil		<b>Aluminum/Poly Tape</b>
Braid		Aluminum
Coverage Area	(%)	60
Nom. Diameter	(inches)	0.200
<b>Outer Shield</b>		
Foil		<b>Aluminum/Poly Tape</b>
Braid		Aluminum
Coverage Area	(%)	40
Nom. Diameter	(inches)	0.228
<b>Jacket</b>		<b>Plenum PVC</b>
Jacket Diameter	(inches)	0.260
Nom. Jacket Thickness	(inches)	0.013
<b>Nominal Weight</b>		<b>35 lbs.</b>

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
NEC Rating		CMP

**Cable Marking**

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

Part Numbers			
Part Number	Color	Put-up	
RG6QPWH1	White	1,000'	Pullbox