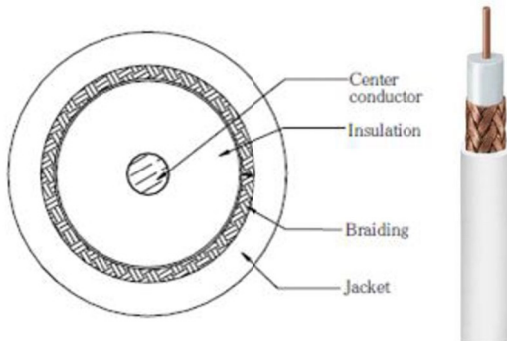


# RG-59/U 95% Dual Shield Plenum (CMP) Coaxial Cable

## Cable Detail



## Approval



VERIFIED

## Applicable Standards

- RG-59U Coaxial Cable 75 Ohm Broadcast Coaxial
- Reference Standard  
NEC ARTICLE 800

## Physical Characteristics

Conductor	Solid	Copper Clad Steel
AWG		20
Diameter	(inches)	0.32
Insulation Material		Foam FEP
Insulation Diameter	(inches)	0.135
Braid Shield		C.C.A.
Coverage Area	(%)	95
Nom. Diameter	(inches)	0.154
Jacket Material		Plenum Polymer
Nominal Thickness	(inches)	0.015
Cable Diameter	(inches)	0.185
Nominal Weight	1000 ft.	22 lbs.

## Electrical Characteristics

Temperature Rating	-20 to 60 (°C)
Impedance	75 (± 3.0 Ohms)
Capacitance	16 (pF/ft.)
Conductor DCR@20°C	10.5 (ohms/1000ft)
Velocity of Propagation	84 (%)
RoHS Compliant	Yes

## Electrical Performance

Frequency (MHz)	Attenuation (dB/100FT)	Frequency (MHz)	Attenuation (dB/100FT)
1	0.29	900	9.00
10	0.90	1000	9.70
50	1.90	1200	10.70
100	2.70	1450	11.50
200	4.00	1800	13.50
400	5.80	2200	15.50
700	7.80	3000	18.50

## Cable Marking

XXXXXX 20AWG CMP FT6 RG59/U VERIFIED TO C(UL)US & C(ETL)US \*\*\*\*FT

Part Numbers	Jacket Color	Package
RG59PWH4	White	1000ft / Reellex II