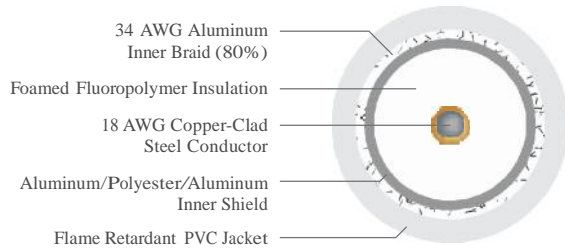


Coax rG-6, 80% Shield

CMP/CL2P



Product Description

The Grupo Matel RG-6, 80% Shield coaxial plenum cable is designed to support analog, digital and high-bandwidth technologies. Grupo Matel maintains tight tolerances to cable diameter requirements of leading connector manufacturers.

Applications

- HDTV, CATV and CCTV
- Two-way cable modems
- Extended bandwidth satellite service

Features

- RG-6, 80% Shield coaxial cable with bandwidth that exceeds 2.2 GHz
- Tight foamed fluoropolymer insulating skin bonds around center conductor
- Natural white jacket color

Benefits

- “Future-proofing” the installation
- Exhibits better transmission characteristics
- Helps differentiate incoming service versus internal cabling infrastructure

Specifications

Conductor	Solid bare copper clad steel
AWG (mm)	18 (1.02)
Inner Braid	34 AWG aluminum (80%)
Inner Shield	Aluminum/polyester/aluminum
Jacket	Flame retardant PVC
Nominal Impedance (Ohms)	75
Nominal Velocity of Propagation (%)	85
Performance Compliance	UL 13 UL 444 NFPA 262 RoHS-compliant
NRTL Programs	UL, c(UL) Listed CMP

Part Numbers and Physical Characteristics

Listing	Part Number	Jacket Color	Nominal Diameter		Approx. Weight lbs/kft (kg/km)	Package	Packages per Pallet
			Inner Shield in (mm)	Overall in (mm)			
CMP/CL2P	178-16C-911	White	0.17 (4.4)	0.23 (5.9)	21 (13.5)	1,000' Plywood reel	27

Electrical Specifications

Frequency MHz	Attenuation, Nominal, Specification dB/100 ft (dB/100 m)	SRL, Nominal dB
1	0.3 (1.0)	20
10	0.7 (2.2)	20
50	1.5 (4.9)	20
100	2.1 (6.9)	20
200	3.1 (10.2)	20
500	5.0 (16.4)	20
700	6.4 (21.0)	20
1000	7.3 (23.9)	20
1450	8.6 (28.1)	20
1800	9.7 (31.9)	20
2300	12.2 (40.0)	20
3000	14.2 (46.6)	20