

DESCRIPTION: RG6/U PLENUM CATV 18 AWG CCS 60% AL BRAID - WHITE - 1000 FT SPOOL	Specification Sheet for: 75 Ohm RG 6/U with foil and 75% aluminum braid, plenum rated.	Rev Date:	04/2013
		SCP Part No:	RG6U-P
Approved by: Andrew	Modified by: Simon	UL Type:	CATVP / CL2P

Construction Details:

This cable is constructed with a core composed of an 18 awg solid copper clad steel center conductor insulated with foamed FEP Teflon. The core is shielded with an aluminum/polypropylene low smoke shielding tape and a 75% coverage aluminum braid for 100% shielding. A natural colored flame resistant co-polymer jacket completes the package.

Physical Specifications

Conductors: 1 – 18 awg solid copper clad steel .040" (1.02 mm) nom.

Dielectric: 65 mil wall of foamed FEP Teflon to a nominal diameter of .170" (4.32 mm).

Shield: Aluminum/polypropylene low smoke plenum type tape with 25% overlap for 100% coverage.

Braid: Aluminum with 75% coverage.

Jacket: 17 mil natural colored 80 deg. C plenum rated, flame retardant, low smoke co-polymer to a nominal diameter of .232" (5.84 mm).

Print: Black ink:
RG 6/U 18 AWG TYPE CL2P OR CATVP (UL)
E179334

Put Up: Reels per customer specification.

Electrical Specifications

Nominal Attenuation

Mhz	dB/100 feet	dB/100 meters
1	.26	.85
10	.70	2.30
50	1.46	4.79
100	2.05	6.73
200	3.10	10.17
270	3.46	11.35
360	4.23	13.88
400	4.50	14.76
700	6.00	19.69
900	6.90	22.64
1000	7.30	23.95

Nom. Impedance: 75 Ohms

Nom. Capacitance: 15.8 pF/ft (51.83 pF/m)

Nom. Velocity of Prop.: 84%