

BROADBAND CATV, MATV, DBS



Community Antenna Television,
Master Antenna Television,
Direct Broadcasting Satellite



RG Type Coaxial: 17VatC Classe B

17 dB Attenuation Indoor / Outdoor. Classe B

EN50117-1 / EN50117-5

Application:

Drop Cable, Indoor and Outdoor distribution systems cable for sound signals, analogical and digital broadcasting television signals.

Signal frequencies between 5 and 3000 MHz.

Center Conductor:

Copper Clad Steel

17 AWG

Nominal Diameter 1 x 1.13 mm

Dielectric:

Skin Foam Polyethylene

Nominal Diameter: 4.8mm / 0.189"

Shield:

1st Shield Al/PES Foil 100% Coverage

2nd Shield Aluminium Braid 40% Coverage

Jacket:

White PVC -Indoor

Black PE-Outdoor

Nominal Diameter of Cable: 6.8mm +/-0.2 / 0.268" +/-0.01

Weight: 48kg/km, 72 lbs/1000ft

Electrical Properties

Impedance @ 200MHz: 75 Ω +/- 2

Capacitance: 52pF +/- 2

Velocity of propagation: 84%

Conductor Resistance: Inner 84 Ω /km

outer 65 Ω /km

Attenuation: @ 20°C / 68°F

@ Frequencies MHz	dB/100m	dB/100ft
100	5.6	1.7
200	8.1	2.5
400	11.7	3.6
800	17.0	5.2
1350	22.8	6.9
2150	29.8	9.1
3000	36.2	11.0

