

# BROADBAND CATV, MATV, DBS



Community Antenna Television,  
Master Antenna Television,  
Direct Broadcasting Satellite



## RG Type: 17 VatC Special Multi- 5x: Classe A

17 dB Attenuation Indoor / Outdoor.

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:

Bare Copper

17 AWG

Nominal Diameter 1 x 1.13 mm

### Dielectric:

Skin Foam Polyethylene

Nominal Diameter: 4.8mm / 0.189"

### Shield:

1st Shield Al/PES/ Al Foil 100% Coverage

2nd Shield Aluminum Braid 45% Coverage

### Sheath:

PVC: White / Black / Red / Green / Yellow

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

### Jacket:

Black PVC

Weight: 405kg/km, 335 lbs/1000ft

### Electrical Properties

Impedance @ 200MHz: 75  $\Omega$  +/- 2

Capacitance: 52pF +/- 2

Velocity of propagation: 84%

Conductor Resistance: Inner 18  $\Omega$ /km

outer 44  $\Omega$ /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