

# BROADBAND CATV, MATV, DBS



Community Antenna Television,  
Master Antenna Television,  
Direct Broadcasting Satellite



## RG11/U: 11VrtC Classe A

11 dB Attenuation Indoor / Outdoor.

EN50117

### Application:

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

14 AWG

Nominal Diameter 1 x 1.7 mm

### Dielectric:

Skin Foam Polyethylene

Nominal Diameter: 7.1 mm / 0.279"

### Shield:

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

2nd Shield: Al Braid 59% Coverage

Non-Migrating Film: Polyester 100% Coverage

### Jacket:

White PVC -Indoor

Black PE-Outdoor

Nominal Diameter of Cable: 10.3mm +/-0.2 / 0.405" +/-0.01

Weight: 106kg/km, 157.7 lbs/1000ft

### Electrical Properties

Impedance @ 200MHz: 75  $\Omega$  +/- 3

Capacitance: 60pF +/- 2

Conductor Resistance: Inner 7.8  $\Omega$ /km

outer 16  $\Omega$ /km

Attenuation: @ 20°C / 68°F

@ Frequencies MHz	dB/100m	dB/100ft
100	3.8	1.2
200	5.4	1.6
800	11.0	3.4
1350	14.6	4.5
2150	18.7	5.7
3000	22.3	6.8

