

RG223

Product Name/Code: RG223

Electrical Performance
Application

For communication and signal control systems.

Electrical Characteristics

Reference Standard

Customer's sample spec. and the general standard

Frequency
Attenuation

(MHz)

(dB/100m)

50

6.1

100

12.0

200

21.6

400

30.5

700

33.7

900

44.5

1000

46.8

 Operating
Temperature(?)

80

Capacitance(pF/m)

100

 Velocity ratio
(+/-5%)

66.6

Impedance(+/-3 Ω)

50

Cable Construction
Center Conductor
Silver Plated Copper

Dia.

1/0.91

Insulation
Solid PE

Nom. Thickness(mm)

1.0

Insulation Dia. (±0.03mm)

2.95

**Bonded Al Foil +Silver Plated
Copper Braid Shield 1**

Construction

16/ 6/0.12

Coverage Area(%)

>=75

**Bonded Al Foil +Silver Plated
Copper Braid Shield 2**

Construction

6/ 7/0.12

Coverage Area(%)

>=90

Jacket
PVC

Nom. Thickness(mm)

1.05

Cable Dia.(±0.10mm)

5.3

Jacket Compound
PVC/LSF/LSOH

 Core Identification/Color
Code

 According to
customer request

Bending Radius

6 x Overall Diameter

Temperature Rating

70 °C

Voltage Rating

300/500V

Fire Performance

Flame Propagation Test to IEC 60332 Part 1 (PVC /LSOH)

Flame Propagation Test to IEC 60332 Part 1 and Part 3 (FRPVC/LSFROH)

Determination of the amount Halogen Acid Gas to IEC 60754 Part 1 (LSOH)

Smoke Density Test to IEC 61034 (LSOH)

Oxygen Index Test to BS 2863 or ISO 4589-2 (LSOH)

Temperature Index Test to BS 2782 or ISO 4589-3 (LSOH)