

RG400

Product Name/Code: RG400

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

7.9

100

16.0

200

30.5

Cable Construction
Center Conductor
Silver Plated Copper

400

44.9

Dia.

19/0.18

700

50.8

Insulation
Foam PE

900

55.5

Nom. Thickness(mm)

1.0

1000

60.0

 Insulation Dia. (± 0.03 mm)

2.95

Operating Temperature(?)

30-105

Bonded Al Foil +Silver Plated Copper Braid Shield 1

Capacitance(pF/m)

98.5

Construction

16/ 6/0.10

Velocity ratio (+/-5%)

69.5

Coverage Area(%)

 ≥ 70

 Impedance(+/-3 Ω)

50

Bonded Al Foil +Silver Plated Copper Braid Shield 2

Construction

16/ 7/0.10

Coverage Area(%)

 ≈ 80
Jacket
PVC

Nom. Thickness(mm)

0.925

 Cable Dia.(± 0.10 mm)

5.0

Jacket Compound
PVC/LSF/LSOH

Core Identification/Color Code

According to customer request

Bending Radius

6 x Overall Diameter

Temperature Rating

 70 $^{\circ}$ 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)