

RG179/U

Product Name/Code: RG179/U

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

13.9

100

24.8

200

41

400

50.7

700

68.4

900

70.5

1000

78.7

Operating Temperature(?)

70-200

Capacitance(pF/m)

64

Velocity ratio (+/-5%)

69.5

Impedance(+/-3 Ω)

75

Cable Construction
Center Conductor **Silver Plated Copper**

Dia. 7/0.1

Insulation **Foam PE**

Nom. Thickness(mm) 0.6

Insulation Dia. (±0.03mm) 1.58

Silver Plated Copper Braid Shield

Construction 16/ 6/0.10

Coverage Area(%) >=85

Jacket **PVC/LSF/LSOH**

Nom. Thickness(mm) 0.43

Cable Dia.(±0.10mm) 2.54

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)