

RG59MIL

Product Name/Code : RG59MIL

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

4.3

100

8.0

Cable Construction

200

17.6

Center Conductor

Bare Copper/CCS

400

23.0

Dia.

1/0.584

700

28.4

Insulation

Solid PE

900

34.8

Nom. Thickness(mm)

1.56

1000

39.5

Insulation Dia. (± 0.03 mm)

3.7

**Operating
Temperature(?)**

60

Braid Shield

Bare Copper Braid

Capacitance(pF/m) 67

Construction

16/ 7/0.15

**Velocity ratio
(+/-5%)**

66.7

Coverage Area(%)

≥ 93

Impedance(+/-3 Ω) 75

Jacket

PVC

Nom. Thickness(mm)

1.10

Cable Dia.(± 0.10 mm)

6.15

Jacket Compound

PVC/LSF/LSOH

Core Identification/Color
Code

According to customer
request

Bending Radius

6 x Overall Diameter

Temperature Rating

70C

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)