

RG 59

Coaxial Cable

DIGICO CABLE RG-59

Inner conductor of bare copper wire

0.8 (mm in diameter)

Dielectric of foam polyethylene (gas injection)

3.5 (mm in diameter)

Outer conductor: tinned copper braid

0.1 (mm in diameter), coverage 40%

PVC outer sheath

5.0 +/- 0.1 (mm in diameter)

Minimum bending radius

35mm

Impedance

75 +/- 3 ohms

Velocity ratio

84%

Inner conductor resistance

37 ohms / km

Outer conductor resistance

40 ohms / km

Attenuation (at 20 degree celsius)

Mhz 200 : 11.2 dB/100m

Mhz 400 : 16.2 dB/100m

Mhz 800 : 23.3 dB/100m

Mhz 1000 : 26.62 dB/100m

Mhz 1350 : 31.8 dB/100m

Mhz 1750 : 35.8 dB/100m

Mhz 2150 : 40.5 dB/100m

Return Loss

Mhz (50-470) : >28dB

Mhz (470-862) - >26dB

Mhz (862-2150) - >23dB

Mhz (2150-2700) - >18dB

Screen factor

Mhz (50-1000) - >75dB