

# Mini RG59 75Ω Coaxial Cable

pro-POWER



## Description:

For communication and signal control systems.

**RoHS  
Compliant**

## Specifications:

Conductor Material	: Copper Clad Steel
Conductor Area CSA	: 0.13mm <sup>2</sup>
Construction	: 0.41±0.01
Stranded Dia. (mm)	: 0.41
Insulation Thickness	: 0.745
Insulation Dia. (±0.1mm)	: 1.9
Insulation Colour	: Natural
Insulation Material	: Gas Injection Foam PE
Braid Shield	: Bare Copper
Jacket Colour	: Black
Jacket Material	: PVC
Jacket Thickness (mm)	: 0.5
Jacket Dia.(±0.15mm)	: 3.6

## Electrical Characteristics:

Max. Conductor DC Resistance at 20°C (Ω/Km)	: <359.1
Min. Insulation DC Resistance at 20°C (MΩ/Km)	: >500
Rated Temperature (°C)	: 80
Rated Voltage (V)	: 30
Capacitance (pF/m)	: <60
Velocity Ratio	: 82%
Impedance (Ω)	: 75 +/-3

## Attenuation at 20°C (dB/100m)(+/-8%)

10MHz	: 6.5
50MHz	: 12.5
100MHz	: 16.7
150MHz	: 19.8
200MHz	: 22.5
250MHz	: 24.8
300MHz	: 27
400MHz	: 31.5
450MHz	: 33.1
500MHz	: 34.9
650MHz	: 40.1
800MHz	: 44.75
860MHz	: 46.64
1,000MHz	: 50.5

## Return Loss ( -dB )

5MHz-300MHz	: >22
300MHz-1,000MHz	: >16

## Screening Attenuation (-dB )

30MHz-1,000MHz	: >75
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## Part Number Table

Description	Part Number
Cable, Coax, Mini, RG59, 100m	PP000377

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