



**RoHS  
Compliant**

## Specifications

### Designed of cable

Inner Conductor	: Solid bare copper 1/0.58 ±0.004mm
Insulation	: Solid PE
Size of Insulation	: Ø3.7 ±0.1mm
Screening	: Double Foil
Braiding	: 16×3/0.12 ±0.003mm Al Wire
Coverage	: 45%
Inner conductor	: Stranded bare copper 16/0.2 ±0.004mm
Insulation	: PVC
Size of Insulation	: Ø1.8 ±0.1mm
Colour	: Red/Black
Conductor Area CSA	: 0.58mm <sup>2</sup>
Jacket	: PVC
Jacket Colour	: Black
Jacket Size	: Ø6+5 ±0.2mm
Jacket Wall Thickness	: ≈0.8mm

### Electric data at 20°C

Conductor Resistance	: ≤68Ω/KM
Conductor Resistance	: ≤39.4Ω/KM
Insulation Resistance	: ≥5000MΩ*KM
Testing Voltage	: wire/wire 50Hz 1min=1.5kV
Impedance	: 75 ±3Ω at 200Mhz

ATT:

Frequency	1	50	200	400	900	1000
ATT dB/100m	1.1	8.5	18.5	27.5	44.3	47

Max Attenuation is 10% higher

Capacitance	: 67±3pF/m
RL	: ≥20dB 10-1000Mhz
Temperature Range	: -10°C to +60°C

## Part Number Table

Description	Part Number
Coaxial Cable, RG59, 2 Core, 0.58mm <sup>2</sup> , 75Ω, 100m	5912V100M

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