

RG59 COAXIAL CABLE + 2C Power wires



Inner Conductor	1/0.81±0.006 mm CCS
Dielectric	FPE, 3.66±0.10 mm OD
Dielectric thickness	1.575 mm nom. 1.183 mm min.
1st Shield	Bonned aluminum foil
2nd Shield	Single braid, 90% min. coverage, 16x8x0.12 mm CCA wires, 4.2 mm nom. OD.
Outer Jacket	PVC compound,
Outer Jacket color	BLACK.
Jacket thickness	0.90 mm nom. 0.66 mm min.
Overall Diameter	6.0±0.15 mm.
Surface Marking	COAXIAL CABLE RG59 WITH POWER CABLE SETIK CCS 001---100M

Power wires

Conductors	Stranded copper conductor:7*0.37 mm CCA
Insulation OD	PE, 1.8mm OD.
Insulation thickness	0.35 mm nom. 0.2 mm min.
Total number of wires	2
Color code	Red and Black.

Electrical & Transmission Properties @ 20C

Property	Coaxial Cable	Power & Control Wires
Characteristic Impedance	75±3 Ohm (TDR)	NA
Capacitance	53±5 pF/m max.	NA
Velocity of Propagation	80% nom.	- - - - -
Attenuation @ 550 MHz	≤18.8 dB/100 max.	NA
Attenuation @ 800 MHz	≤23.2 dB/100 max.	NA
DC Resistance of inner conductor	≤210 Ohm/Km max.	≤128.5 Ohm/Km max.
DC Resistance of outer conductor	≤37.2 Ohm/Km max.	NA
Continuous working voltage	1.7KV rms max.	260V
Dielectric strength (conductor to shield)	3 KV rms min.	1Kv rms min.
Jacket spark-test	1.5 KV rms min.	NA
Jacket dielectric test after cold bend	1.5 KV rms min.	NA