



ELESUN

# ELESUN Coaxial Cable Product Information Sheet

## Type:RG174LL-Foam Stranded 105°C

Series RG174LL Cable

Part Number:3RGS50ΩV00106

Stranded Bare Copper Clad Steel Conductor

Foam Polypropylene Dielectric

Laminate Aluminum Tape Shield

Tinned Copper Braid 90%

Black 105°C PVC Jacket



### Structural parameters Information

Material	Detail	Size mm	Color
Inner Conductor	Copper Clad Steel (7Strand)	0.60	Coppery
Dielectric	Foam Polypropylene	1.60	Natural Color
1 <sup>st</sup> Outer Conductor	Laminate Aluminum Tape	1.65	Silvery
2 <sup>st</sup> Outer Conductor	90%Tinned-Copper Braid	2.05	Silvery
Jacket	PVC 105°C RoHS	2.80	Black

### Physical Mechanical Specifications

Item	Unit	Date
Minimum Bend Radius	Loaded	20×Cable OD
	Unloaded	10×Cable OD
Static Operating Temperature, °C		-40~+105

### Electrical Specifications

Item	Unit	Date
Impedance		50±3
Capacitance	pF/m	88
Velocity ratio Propagation	%	76
Resistance	Ω/km	
Inner Conductor		215
Outer Conductor		29.8

### Attenuation,Maximum(20°C) (Permissible error±10%)

Frequency MHZ	dB/100m
50	15.9
100	21.7
500	48.9
1000	72.0
1500	89.3
1600	92.1
2000	103.7
2300	112.3
2500	118.1
3000	132.5
4000	157.5
5000	181.1
6000	202.4

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