



ELESUN Coaxial Cable Product Information Sheet

Type:RG174LL-Foam Stranded 105°C-PVC

Series RG174LL Cable

Part Number:3RGS50ΩV00103

- Bare Copper Or Copper Clad Steel Conductor**
- Foam cross-linked Polyethylene Dielectric**
- Laminate Aluminum Tape Shield**
- Tinned Copper Braid 90%**
- Black PVC Jacket**



Structural parameters Information

Material	Detail	Size mm	Color
Inner Conductor	Copper Or Copper Clad Steel	7/0.20±0.005(0.60)	Coppery
Dielectric	Foam XLPE	1.60±0.10	Natural Color
1 st Outer Conductor	Laminate Aluminum Tape	1.65±0.10	Silvery
2 st Outer Conductor	90%Tinned-Copper Braid	2.05±0.10	Silvery
Jacket	PVC	2.80±0.10	Black

Physical Mechanical Specifications

Item	Unit	Date
Minimum Bend Radius	Loaded	15×Cable OD
	Unloaded	8×Cable OD
Temperature Rating, °C		-40~+105
Storage Temperature Rating, °C		-50~+110

Electrical Specifications

Item	Unit	Date
Impedance		50±3
Capacitance	pF/m	88
Velocity ratio Propagation	%	76
Resistance	Ω/km	
Inner Conductor		85/215
Outer Conductor		30

Attenuation,Maximum(20°C) Max.

Frequency MHZ	dB/100m
100	21
500	48
1000	71
1500	88
1600	91
2000	103
2300	111
2500	116
3000	131
4000	156
5000	179
6000	200

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