

SYWV-50-2 (ALS302) COAXIAL CABLE 105°C PVC

PRODUCT DESCRIPTION



- Series SYWV Coaxial Cable
- Stranded Bare Copper Conductor
- Foam Polyolefin Dielectric
- Laminate Aluminum Tape Shield
- Bare Copper Braid 98%
- Bare Copper Braid 97%
- Black PVC Jacket
- Surface Printing:

Structural parameters Information

Material	Detail	Size mm	Color
Inner Conductor	Bare Copper (7Strand)	$7/0.27 \pm 0.005 (\Phi 0.81)$	Coppery
Dielectric	Foam PE	2.15 ± 0.10	Natural Color
1 st Outer Conductor	Laminate Aluminum Tape	2.25 ± 0.10	Silvery
2 nd Outer Conductor	98% Copper Braid (112/0.10mm)	2.65 ± 0.10	Silvery
3 rd Outer Conductor	97% Copper Braid (128/0.10mm)	3.05 ± 0.10	Silvery
Jacket	FR-PVC	3.70 ± 0.20	Black

Physical Mechanical Specifications

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

Electrical Specifications

Item	Unit	Date
Impedance		50 ± 3
Capacitance	pF/m	80
Velocity ratio Propagation	%	83
Resistance	Ω/km	
Inner Conductor		55

PRODUCT

INFORMATION SHEET



ELESUN CABLE

Outer Conductor		26
Insulation resistance	M Ω .km	≥ 1000
Dielectric strength	V(AC)/min	≥ 1000
Withstand voltage of jacket	V(AC)/min	≥ 1000

Attenuation, Typical value (20℃) (衰减误差范围 $\pm 10\%$)

Frequency MHZ	dB/100m
100	19
200	22
400	32
500	37
800	44
1000	49
1200	54
1500	65
1800	67
2000	71
2500	81
3000	88
4000	105
5000	121
5800	132
6000	135

JIANGSU ELESUN CABLE CO.,LTD.

Add:No.26,Shengyuan Road,Dantu New Town, Zhenjiang Tel:0511-8562351 Fax:0511-85632367 <http://www.cnals.com>