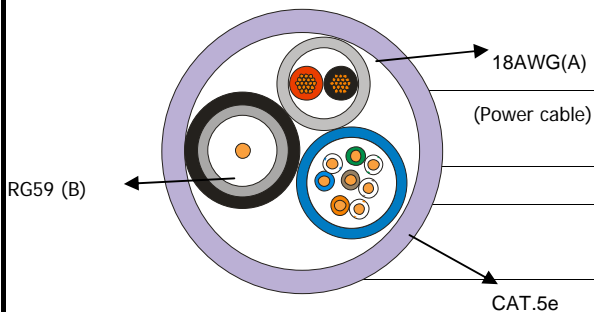


ELAN-1 Bundled Type Home System Cable

RoHS compliance

CROSS SECTION



PROPERTIES

Min.Bending Radius:

Loaded	20 Times Cable OD
Unloaded	10 Times Cable OD

Max.Pulling Tension 126 LBS

Rated Temperature(°C) -20 ~ +75

CONSTRUCTION

	A (2/18AWG)	B (RG59/U)
Conductor	BC	BC
Conductor Dia.(+/-0.02mm)	0.404*7	0.813
Insulation	PVC	FPE
Insulation Dia.(+/-0.1mm)	2.1*2	3.71
Color	RED/BLACK	N

First Shielding (mm)

First Braiding

BC Wire Braid

Conductor Dia.(+/-0.01mm)	0.120
Conductor Qty.	128
Coverage	88%
Picks/dm	22
Lay length (mm)	35

Product Standard Certification : UL E310605

1x CAT 5E UTP SOLID 350MHz LAN Cable 24AWG 4Pairs

Complies to TIA/EIA-568-B.2

24AWG Solid Bare Copper Conductor/PE Insulation

(Please see Page 2 of 2 for details)

Outer Jacket

Total Dia (+/-0.2mm)	13.00±0.20
Color	purple

ELETRICAL CHARACTERISTICS

Characteristic Impedance	75	+/- 3ohm
Capacitance	55	pF/m
Velocity ratio		81%
DCR:conductor	< 33	ohm/km
DCR:shielding	< 13	ohm/km
Sparker	4000	VCA
Dielectric Strength	2500	VCA
Return loss	5-470MHz	20 dB
	470-1000MHz	18 dB

Attenuation at 20 C (dB/100m)

1	0.86
3.6	1.64
10	2.75
71.5	7.45
135	10.31
270	14.76
360	17.16
720	24.74
1000	29.49
1500	36.73
2000	43.02
2250	45.91
3000	53.91