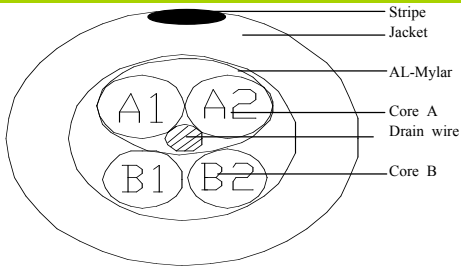


SCP-CREST-1 HOME NETWORKING CABLE

Cross Section



Stripe
Jacket
AL-Mylar
Core A
Drain wire
Core B

Color

Insulation
A1.Light Blue A2.White
B1.Red B2.Black

Jacket
Teal with yellow stripe

Performance

Electrical Characteristics (20°C)

Max. Conductor DC Resistance (ohms/km) A:21 B:56.8

Marking

E198134-C 18AWG 2C & 22AWG 1PR SHIELDED DATA LOW CAP (UL) CL3 **** FT

****: Repeated footage 0-1000 FEET

Description

Flame Test CL3

Application

For interconnection of shielded equipment in digital switching systems.

Reference Standard

Customer's sample

Construction

	Stranded Bared Copper	
Conductor		
2C+1P	1P	2C
AWG	18	22
Construction (mm)	7/0.40	7/0.254
Dia. (mm)	1.2	0.76
Insulation	PVC	PVC
Min. Thickness (mm)	0.22	0.34
Nom. Thickness (mm)	0.3	0.45
Insulation Dia. (±0.10mm)	1.8	1.65
Drain Wire	Stranded Tinned Copper	
Construction(mm)	7/0.20	-
AL-mylar shield (Overlapping,%)	≥25	-
Cabling(1P+2C)		
Direction	S	
Outer Jacket	PVC	
Min. Thickness (mm)	0.7	
Nom. Thickness (mm)	0.9	
Jacket Dia. (±0.25mm)	6.4	

Mechanical Characteristics:

Test Object	Insulation	Jacket
Test Material	PVC	PVC
Before Tensile Strength (Mpa)	_10.3	_10.3
Aging Elongation (%)	_100	_100
Aging Condition ()	113±2_X 168 hrs	
After Tensile Strength (Mpa)	_70% of original	_70% of original
Aging Elongation (%)	_65% of original	_65% of original