

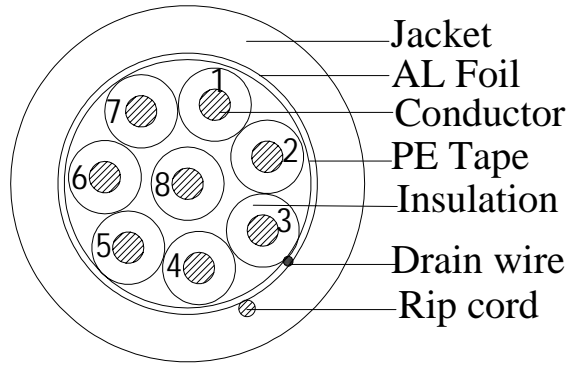


18/8 Shielded Security Cable Specification

8X16/0.254

DATE:2009.05.22

Gross Section



Performance

Electrical Characteristics:

Description

Rated Temperature (°C)	75
Product Standard Certification	
Flammability Test	
Application	

Construction

Conductor	Stranded BC
AWG	18
Conductor Dia. (mm)	16/0.254
Insulation	PVC
Average Thickness(mm)	0.270
Min. Point Thickness(mm)	0.240
Insulation Dia.(±0.05mm)	1.70
PE Tape	Yes
Drain wire(TC)	7/0.20
AL Foil	Yes
Assembly Dia.(±0.1mm)	5.80
Jacket	PVC
Average Thickness(mm)	0.60
Min. Point Thickness(mm)	0.54
Outer Dia.(±0.1mm)	7.00
Rip Cord	Per request

Color

Insulation colors are:

1.Red	5.Blue
2.Black	6.White
3.Yellow	7.Brown
4.Green	8.Purple

Jacket color:

Per request

Marking

SCP 8 COND 18 AWG SHIELDED (UL) C(UL) TYPE
 CMR/CL2R FT4 E198134 ZONE/DEVICE A B C D E 0
 1 2 3 4 5 6 7 8 9 ROHS ce XXXXFT

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	>=13.8
Aging Elongation (%)	>=100
Aging Condition (°Cxhrs)	100x168
After Tensile Strength (Mpa)	>=85% of unaged
Aging Elongation (%)	>=50% of unaged
Cold Bend(-20±2°Cx4hrs)	No crack