



18/2 Security Cable Specification

2X16/0.254		DATE:2009.05.22	
Cross Section		Performance	
<p>Jacket</p> <p>Insulation</p> <p>Conductor</p> <p>Rip cord</p>		Electrical Characteristics:	
Description			
Rated Temperature (°C)	75		
Product Standard Certification			
Flammability Test		Mechanical Characteristics:	
Application			
Construction			
Conductor	Stranded BC		
AWG	18	Test Object	Jacket
Conductor Dia. (mm)	16/0.254	Test Material	PVC
Insulation	PVC	Before Tensile Strength (Mpa)	>=13.8
Average Thickness(mm)	0.270	Aging Elongation (%)	>=100
Min. Point Thickness(mm)	0.240	Aging Condition (°Cxhrs)	100x168
Insulation Dia.(±0.05mm)	1.70	After Tensile Strength (Mpa)	>=85% of unaged
Assembly Dia.(±0.1mm)	3.40	Aging Elongation (%)	>=50% of unaged
Jacket	PVC	Cold Bend(-20±2°Cx4hrs)	No crack
Average Thickness(mm)	0.40		
Min. Point Thickness(mm)	0.36		
Outer Dia.(±0.1mm)	4.20		
Rip Cord	Per request		
Color			
Insulation colors are:			
1.Red			
2.Black			
Jacket color:			
Per request			
Marking			
SCP 2 COND 18 AWG (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			