



18/6 Security Cable Specification

6X16/0.254		DATE:2009.05.22
Cross Section		Performance
<p>Jacket Insulation Conductor Rip cord</p>		Electrical Characteristics:
Description		
Rated Temperature (°C)	75	
Product Standard Certification Flammability Test Application		
Construction		Mechanical Characteristics:
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	
Assembly Dia.(±0.1mm)	5.10	
Jacket	PVC	
Average Thickness(mm)	0.50	
Min. Point Thickness(mm)	0.45	
Outer Dia.(±0.1mm)	6.20	
Rip Cord	Per request	
Color		
Insulation colors are:		
1.Red		
2.Black		
3.Yellow		
4.Green		
5.Blue		
6.White		
Jacket color:		
Per request		
Marking		
SCP 6 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		
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	