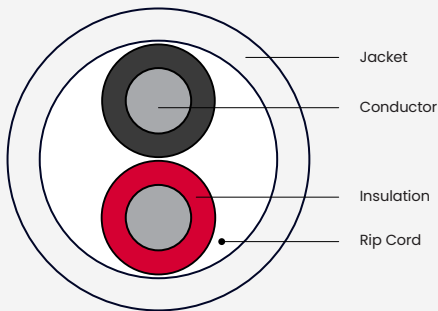


18X2 AWG SECURITY & CONTROL CABLE



LB-W182SW 2Cx41/0.16 - Specification Sheet

Cross Section



Regulatory

UL13 CMR/CL3R or c(UL) FT4
SUN RES (RoHS)

Application

Security & Control cable

Construction

Conductor	Stranded Bare Copper
AWG	18x2 AWG
Conductor Dia. ($\pm 0.004\text{mmmm}$)	41/0.16mm
Insulation	PE
Average Thickness(mm)	0.20mm
Min. Point Thickness(mm)	0.15mm
Insulation Dia. ($\pm 0.01\text{mm}$)	1.55 $\pm$ 0.05mm
Colors	Black & Red
Jacket	CMR-PVC
Average Thickness(mm)	0.50mm
Min. Point Thickness(mm)	0.40mm
Outer Dia. ($\pm 0.1\text{mm}$)	3.8 $\pm$ 0.15mm
Rip Cord	Nylon
Color	Per request

Marking

Per request

package

500FT&1000FT/Box



Lengths Available

- 500FT & 1000FT

Jacket Colors



Performance	Electrical Characteristics:
Conductor DC Resistance 20°C (ohms/km)	21.6
proof voltage	Min AC1.5KV
AC Leakage Current Through overall	AC 1500V 10mA
Jacket	< 11.2nF/100M

Description	
Rated Temperature (°C)	75
Rated Voltage(V)	300

Mechanical Characteristics:	
insulation	
Aging before elongation (%)	≥150
Tensile strength before aging	13.8 Mpa
ageing condition	(100°C 168h)
After aging biggest elongation rate (%)	≥150
Tensile strength after aging	11.7 Mpa
jacket	
Aging before elongation (%)	≥150
Tensile strength before aging	13.8 Mpa
ageing condition	(100°C 168h)
After aging biggest elongation rate (%)	≥150
Tensile strength after aging	11.7 Mpa
Cold Bend Test	-20°C 4hours No Cracking