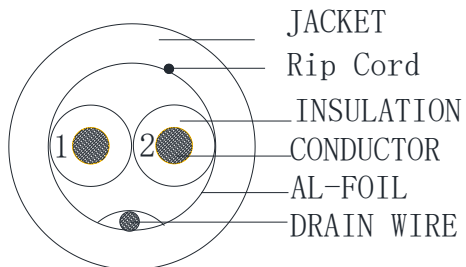


Performance	
Electrical Characteristics	
Capacitance	130Pf/m
DC Resistance (Ω /km) max	22.2
Spark test	2.5kv
Dielectric Test	2kv/min
Suggested voltage rating	300 volts
Mechanical Characteristics	
Test Object	Jacket
Test Material	PVC
Before Tensile Strength (Mpa)	≥ 17.2
Aging Elongation (%)	≥ 100
Aging Condition ($^{\circ}\text{C} \times \text{hrs}$)	100x168
After Tensile Strength (Mpa)	$\geq 85\%$ of unaged
Aging Elongation (%)	$\geq 50\%$ of unaged
Cold Bend ($-20 \pm 2^{\circ}\text{C} \times 4\text{hrs}$)	No crack
Max. Recommended pulling tension	110N
Min Bend Installation	35mm
Storage Temperature range	$-20 \sim +60^{\circ}\text{C}$
Installation Temperature range	$-20 \sim +60^{\circ}\text{C}$
Operating Temperature range	$0 \sim +50^{\circ}\text{C}$
MEET RoHS	



Packing

1000FT/PULL BOX	Weight 23.7 lbs/1000FT
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Description

Rated Temperature ($^{\circ}\text{C}$)	75
Application	Power-limited control circuits
Wiring of the following systems:	Security; Audio; Background music
Reference Standard	UL13 / UL 444, ASTM B-3, ETL:CL2P/CMP

Construction

Conductor	Stranded Bare Copper
AWG	18
Conductor (mm)	7/0.4
Insulation	Low smoke FR-PVC
Average Thickness(mm)	0.200
Min. Point Thickness(mm)	0.170
Insulation Dia.($\pm 0.03\text{mm}$)	1.6
Drain Wire	7/0.20TC
AL-foil Shielded	
Assembly Dia.($\pm 0.2\text{mm}$)	3.3
Jacket	Low smoke FR-PVC
Average Thickness(mm)	0.38
Min. Point Thickness(mm)	0.34
Outer Dia.($\pm 0.2\text{mm}$)	3.96
Rip Cord	YES

Color Code

Insulation colors are	RED, BLACK
Jacket colors	ANY COLOR

Cable Marking

18AWG 2C SHIELDED CMP/CL2P TYPE 4009812
C(ETL)US ****FT