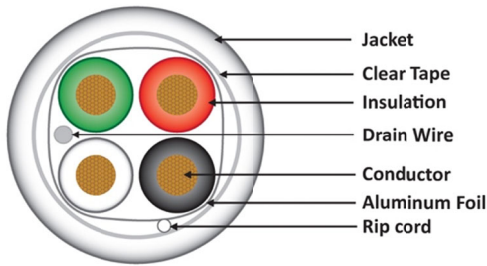


Control Cable 18AWG 4C

Plenum (CMP) Shielded Stranded

Product Specification

Cable Detail



Approval



Applicable Standards

- Power-limited control circuits
- Wiring of the following systems: Security / Audio / Background music
- Reference Standard: UL 444 / ETL: CL2P/CMP

Physical Characteristics

Conductor Material		Stranded Bare Copper
AWG		18
Conductor	(mm)	7 / 0.4
Insulation Material		FR-PVC
Average Thickness	(mm)	0.200
Min. Point Thickness	(mm)	0.170
Insulation Diameter	(±0.03mm)	1.6
Drain Wire		7 / 0.20TC
AL-foil Shielded		Yes
Assembly Dia.	(±0.2mm)	3.95
Jacket Material		Low Smoke FR-PVC
Average Thickness	(mm)	0.38
Min. Point Thickness	(mm)	0.34
Outer Dia.	(±0.2mm)	4.75
Rip Cord		Yes
Insulation colors		Black / Red / White / Green
Nominal Weight	1000 ft.	36 lbs.

Electrical Characteristics

Capacitance	130 Pf/m
DC Resistance (Ω/km) Max	≤22.5Ω/1000m
Spark Test	2.5 kv
Dielectric Test	2 kv/min
Suggested Voltage Rating	DC 300V/min
Max. Recommended Pulling Tension	110 N
Min Bend Installation	35 mm
Storage Temperature Range	-20 ~ +60°C
Installation Temperature Range	-0 ~ +50°C
Operating Temperature Range	-20 ~ +60°C

Mechanical Characteristics

Test Object		Jacket
Test Material		PVC
Before	Tensile Strength (Mpa)	>=17.2
Aging	Elongation (%)	>=100
Aging Condition (°Cxhrs)		100x168
After	Tensile Strength (Mpa)	>=85% of unaged
Aging	longation (%)	>=50% of unaged
Cold Bend (-20±2°Cx4hrs)		No crack

Cable Marking

18AWG 4C SHIELDED CMP/CL2P TYPE XXXXXXXX C(ETL)US
****FT