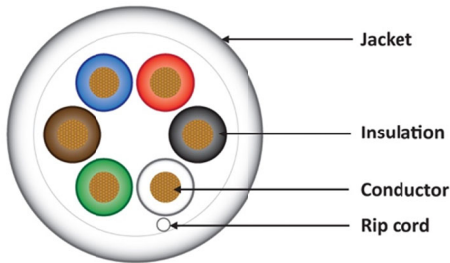


Control Cable 18AWG 6C

Plenum (CMP) Unshielded 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 / 0.40
Insulation Material		FR-PVC
Average Thickness	(mm)	0.2
Min. Point Thickness	(mm)	0.18
Insulation Dia.	(±0.03mm)	1.6
Assembly Dia.	(±0.2mm)	4.8
AL-FOIL		No
DRAIN WIRE		7 / 0.18TC
PE-TAPE		No
Jacket Material		Low smoke FR-PVC
Average Thickness	(mm)	0.45
Min. Point Thickness	(mm)	0.4
Outer Dia.	(±0.2mm)	5.7
Rip Cord		Yes
Insulation colors		Black / Red/ White / Green / Brown / Blue
Nominal Weight	1000 ft.	53 lbs.

Electrical Characteristics

Max. Recommended Pulling Tension	110 N
Min Bend Installation	35 mm
Storage Temperature Range	-20 ~ +60°C
Installation Temperature Range	0 ~ +50°C
Spark Test	2.0 kv
Dielectric Test	2 kv/min
Suggested Voltage Rating	300 Volts

Mechanical Characteristics

Test Object		Jacket
Test Material		PVC
Before	Tensile Strength (Mpa)	≥10.5
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

Cable Marking

18AWG 6C UNSHIELDED CMP/CL2P TYPE XXXXXXXX
C(ETL)US ****FT