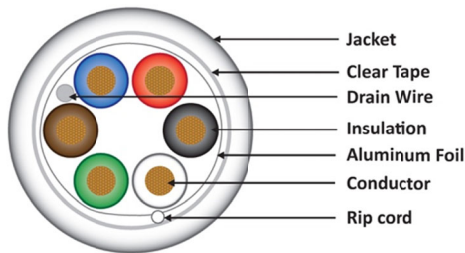


Control Cable 18AWG 6C Riser (CMR) Shielded Stranded

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		PVC
Average Thickness	(mm)	0.225
Min. Point Thickness	(mm)	0.2
Insulation Dia.	(±0.03mm)	1.65
Assembly Dia.	(±0.2mm)	5
AL-FOIL		Yes
DRAIN WIRE		7 / 0.18TC
PE-TAPE		YES
Jacket Material		FR-PVC
Average Thickness	(mm)	0.55
Min. Point Thickness	(mm)	0.5
Outer Dia.	(±0.2mm)	6.15
Rip Cord		Yes
Insulation colors		Black / Red/ White / Green / Brown / Blue
Nominal Weight	1000 ft.	56.5 lbs.

Electrical Characteristics

Max. Recommended Pulling Tension	110 N
Min Bend Installation	35 mm
Storage Temperature Range	-0 ~ +50°C
Installation Temperature Range	-20 ~ +60°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 SHIELDED CMR TYPE XXXXXXXX C(ETL)US ****FT

Part Numbers	Jacket Color	Package
CC1806SRGY2	Grey	1000ft / Reel