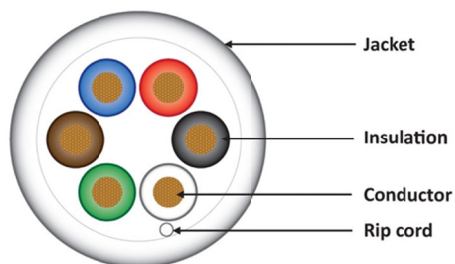


# Control Cable 18AWG 6C Riser (CMR) Unshielded Stranded

## 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)	4.95
AL-FOIL		No
DRAIN WIRE		7 / 0.18TC
PE-TAPE		NO
Jacket Material		FR-PVC
Average Thickness	(mm)	0.55
Min. Point Thickness	(mm)	0.5
Outer Dia.	(±0.2mm)	6.05
Rip Cord		Yes
Insulation colors		Black / Red / White / Green / Brown / Blue
Nominal Weight	1000 ft.	55 lbs.

## Electrical Characteristics

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