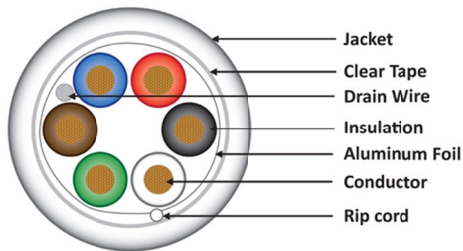


# Control Cable 18AWG 6C

## Plenum (CMP) 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		FR-PVC
Average Thickness	(mm)	0.2
Min. Point Thickness	(mm)	0.18
Insulation Dia.	(±0.03mm)	1.6
Assembly Dia.	(±0.2mm)	4.85
AL-FOIL		YES
DRAIN WIRE		7 / 0.18TC
PE-TAPE		Yes
Jacket Material		Low Smoke FR-PVC
Average Thickness	(mm)	0.45
Min. Point Thickness	(mm)	0.4
Outer Dia.	(±0.2mm)	5.85
Rip Cord		Yes
Insulation colors		Black / Red / White / Green / Brown / Blue
Nominal Weight	1000 ft.	54 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 SHIELDED CMP/CL2P TYPE XXXXXXXX C(ETL)US  
\*\*\*\*FT

Part Numbers	Jacket Color	Package
CC1806FPWH2	White	1000ft / Pull box