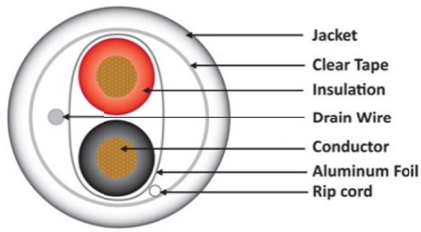


Control Cable 16AWG 2C

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		16
Conductor	(mm)	7 / 0.16
Insulation Material		FR-PVC
Average Thickness	(mm)	0.25
Min. Point Thickness	(mm)	0.2
Insulation Dia.	(±0.03mm)	2
Assembly Dia.	(±0.2mm)	4
AL-FOIL		Yes
DRAIN WIRE		7 / 0.20TC
PE-TAPE		YES
Jacket Material		Low Smoke FR-PVC
Average Thickness	(mm)	0.45
Min. Point Thickness	(mm)	0.4
Outer Dia.	(±0.2mm)	4.95
Rip Cord		Yes
Insulation colors		Black / Red
Nominal Weight	1000 ft.	35 lbs.

Electrical Characteristics

Max. Recommended Pulling Tension	120 N
Min Bend Installation	35 mm
Storage Temperature Range	-20 ~ +60°C
Installation Temperature Range	0 ~ +50°C
Operating Temperature Range	-20 ~ +60°C
Capacitance	130 Pf/m
DC Resistance (Ω/km) Max	13.9
Spark Test	2.5 kv
Dielectric Test	2 kv/min
Suggested Voltage Rating	300 Volts

Mechanical Characteristics

Test Object		Jacket
Test Material		PVC
Before	Tensile Strength (Mpa)	>=10
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

16AWG 2C SHIELDED CMP/CL2P TYPE XXXXXXXX C(UL)US
 ****FT

Part Numbers	Jacket Color	Package
CC1602FPWH4	White	1000ft / Reelex II