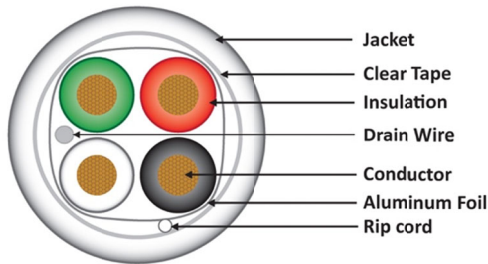


Control Cable 18AWG 4C Plenum (CMP) Shielded Stranded

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 / 0.4 |
| Insulation Material | | FR-PVC |
| Average Thickness | (mm) | 0.200 |
| Min. Point Thickness | (mm) | 0.170 |
| Insulation Diameter | (±0.03mm) | 1.6 |
| Drain Wire | | 7 / 0.20TC |
| AL-foil Shielded | | Yes |
| Assembly Dia. | (±0.2mm) | 3.95 |
| Jacket Material | | Low Smoke FR-PVC |
| Average Thickness | (mm) | 0.38 |
| Min. Point Thickness | (mm) | 0.34 |
| Outer Dia. | (±0.2mm) | 4.75 |
| Rip Cord | | Yes |
| Insulation colors | | Black / Red / White / Green |
| Nominal Weight | 1000 ft. | 36 lbs. |

Electrical Characteristics

| | |
|----------------------------------|--------------|
| Capacitance | 130 Pf/m |
| DC Resistance (Ω/km) Max | ≤22.5Ω/1000m |
| Spark Test | 2.5 kv |
| Dielectric Test | 2 kv/min |
| Suggested Voltage Rating | DC 300V/min |
| Max. Recommended Pulling Tension | 110 N |
| Min Bend Installation | 35 mm |
| Storage Temperature Range | -20 ~ +60°C |
| Installation Temperature Range | -0 ~ +50°C |
| Operating Temperature Range | -20 ~ +60°C |

Mechanical Characteristics

| | | |
|--------------------------|------------------------|----------------|
| Test Object | | Jacket |
| Test Material | | PVC |
| Before | Tensile Strength (Mpa) | ≥17.2 |
| 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 4C SHIELDED CMP/CL2P TYPE XXXXXXXX C(ETL)US
****FT

| Part Numbers | Jacket Color | Package |
|--------------|--------------|---------------------|
| CC1804FPWH4 | White | 1000 ft / Reelex II |