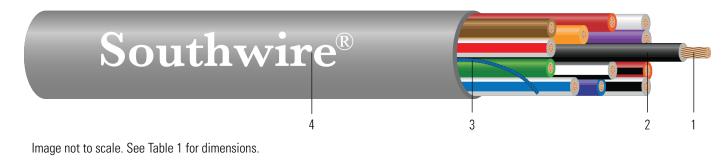
# CL3R/FPLR/CMR/CMG - MultiConductor Non-Shielded Gray PVC Jacket

300V, 75°C, Multi-Conductor, Non-Shielded, Stranded Copper CL3R/FPLR/CMR/CMG



#### **CONSTRUCTION:**

- 1. Conductor: Stranded bare copper per ASTM B8
- 2. Insulation: Polyvinyl Chloride PVC
- 3. Rip Cord: Rip cord for ease of jacket removal
- 4. Jacket: Gray Polyvinyl Chloride PVC.

#### **APPLICATIONS AND FEATURES:**

Remote Control, Signalling, and Power-Limited circuits per NEC Article 725. 22AWG - 16 AWG also as communication circuits per NEC Article 800. Security, sound and audio, speaker cable, public address, intercom, sound reinforcement, alarm and access control circuits and power-limited controls.

- Flame Test: UL 1666
- Cable Type: CL3R, Also, CMR where UL permits (Sizes 16 AWG and smaller)
- Voltage: 300 Volts
- Temperature: 75°C

#### **SPECIFICATIONS:**

- ASTM B8 Concentric-Lay-Stranded Copper Conductors
- UL 13 Power-Limited Circuit Cables
- UL 444 Communications Cables (90°C, 300V)

#### **SAMPLE PRINT LEGEND:**

XX AWG XX/C E57497 c{UL}US CMR/CL3R/FPLR -- CMG FT4 MADE IN USA ROHS-2 COMPLIANT -- {MM/DD/YY} {HH:MM} {SEQUENTIAL FOOTAGE MARKS} SEQ FEET



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## **SPEC 13060**

### Table 1 – Physical and Electrical Data

| Stock<br>Number | Cond.<br>Size<br>AWG | Cond.<br>Number<br>No. | Cond.<br>Strands<br>strands | Diameter<br>Over Cond.<br>inch | Jacket<br>Thickness<br>mil | Approx.<br>OD<br>inch | Copper<br>Weight<br>Ib /1000ft | Approx.<br>Weight<br>Ib /1000ft | DC Resistance<br>@ 25°C<br>Ω /1000ft | AC Resistance<br>@ 75°C<br>Ω /1000ft | Inductive<br>Rectance<br>Ω/1000ft |
|-----------------|----------------------|------------------------|-----------------------------|--------------------------------|----------------------------|-----------------------|--------------------------------|---------------------------------|--------------------------------------|--------------------------------------|-----------------------------------|
| 18 AWG          |                      |                        |                             |                                |                            |                       |                                |                                 |                                      |                                      |                                   |
| R40024-1        | 18                   | 12                     | 7                           | 0.045                          | 20                         | 0.271                 | 60                             | 75                              | 6.669                                | 8.035                                | 0.036                             |

All dimensions are nominal and subject to normal manufacturing tolerances

Cable marked with this symbol is a standard stock item





