

Multi-Conductor, Foil Shield

UL 2464, NEC Type CM (UL) c(UL) or CMR (UL) c(UL), CSA CMG

Product Construction:

Conductor:

- 22 or 20 AWG fully annealed stranded tinned copper per ASTM B-33

Insulation:

- Premium-grade, color-coded S-R PVC or PVC
- Color code: See chart below

Shield:

- 100% Flexfoil® aluminum/polyester with 25% overlap, minimum, foil facing out
- Stranded tinned copper drain wire

Jacket:

- PVC, gray
- Temperature range: -20°C to +80°C

Applications:

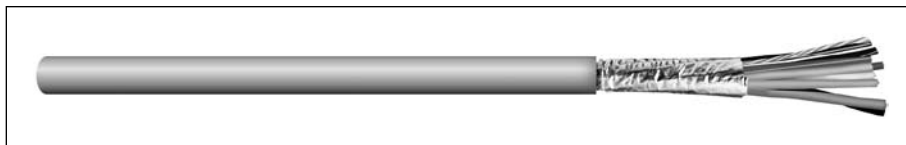
- Computer interconnections
- Data transmission
- Control circuits
- Industrial equipment control
- Suitable for EIA RS-232 applications
- Suggested voltage rating: 300 volts

Compliances:

- NEC Article 800 Type CM - 20 or 22 AWG (UL: 75°C)
- NEC Article 800 Type CMR - 20 or 22 AWG (UL: 75°C)
- UL Style 2464 (UL: 80°C, 300V)
- CSA CMG (CSA: 60°C)
- RoHS Compliant Directive 2002/95/EC
- Designed to meet UL 70,000 BTU Vertical Tray Flame Test
- Passes CSA CMG Flame Test

Packaging:

- Please contact Customer Service for packaging and color options



| CATALOG NUMBER | NO. OF COND. | AWG SIZE | COND. STRAND | NOMINAL INSULATION THICKNESS | | NOMINAL JACKET THICKNESS | | NOMINAL O.D. | | NOMINAL DCR @20°C | | NOMINAL CAP.* | |
|----------------|--------------|----------|--------------|------------------------------|----|--------------------------|----|--------------|----|-------------------|-------|---------------|---|
| | | | | INCHES | mm | INCHES | mm | INCHES | mm | COND. | SHLD. | A | B |

S-R PVC – CMR (UL) c(UL)

| | | | | | | | | | | | | | |
|---------------|----|----|------|-------|------|-------|------|-------|------|------|-----|------|------|
| C0760A | 2 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.169 | 4.29 | 16.5 | 6.3 | 36.0 | 65.0 |
| C0761A | 3 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.177 | 4.50 | 16.5 | 6.3 | 36.0 | 65.0 |
| C0762A | 4 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.190 | 4.83 | 16.5 | 6.3 | 36.0 | 65.0 |
| C0763A | 6 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.219 | 5.56 | 16.5 | 6.3 | 34.0 | 61.0 |
| C0764A | 8 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.235 | 5.97 | 16.5 | 6.3 | 34.0 | 61.0 |
| C0765A | 10 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.269 | 6.83 | 16.5 | 6.3 | 34.0 | 61.0 |
| C0766A | 15 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.304 | 7.72 | 16.5 | 6.3 | 34.0 | 61.0 |
| C0767A | 20 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.335 | 8.51 | 16.5 | 6.3 | 34.0 | 61.0 |
| C0768A | 25 | 22 | 7/30 | 0.010 | 0.25 | 0.032 | 0.81 | 0.369 | 9.37 | 16.5 | 6.3 | 34.0 | 61.0 |

PVC – CM (UL) c(UL)

| | | | | | | | | | | | | | |
|---------------|----|----|------|-------|------|-------|------|-------|-------|------|-----|------|------|
| C0780A | 2 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.207 | 5.26 | 11.0 | 6.3 | 39.0 | 70.0 |
| C0781A | 3 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.217 | 5.51 | 11.0 | 6.3 | 39.0 | 70.0 |
| C0782A | 4 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.236 | 5.99 | 11.0 | 6.3 | 39.0 | 70.0 |
| C0783A | 6 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.276 | 7.01 | 11.0 | 6.3 | 37.0 | 66.0 |
| C0784A | 8 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.297 | 7.54 | 11.0 | 6.3 | 37.0 | 66.0 |
| C0785A | 10 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.345 | 8.76 | 11.0 | 6.3 | 37.0 | 66.0 |
| C0786A | 15 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.393 | 9.98 | 11.0 | 6.3 | 37.0 | 66.0 |
| C0787A | 20 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.435 | 11.05 | 11.0 | 6.3 | 37.0 | 66.0 |
| C0788A | 25 | 20 | 7/28 | 0.016 | 0.41 | 0.032 | 0.81 | 0.483 | 12.27 | 11.0 | 6.3 | 40.0 | 72.0 |

*A – Capacitance between conductors

*B – Capacitance between one conductor and other conductors connected to shield

Color Code Chart

| NO. OF COND. | COLOR | NO. OF COND. | COLOR | NO. OF COND. | COLOR |
|--------------|-------------|--------------|--------------|--------------|-------------------|
| 1 | Black | 10 | Orange/Black | 19 | Blue/Red |
| 2 | White | 11 | Blue/Black | 20 | Red/Green |
| 3 | Red | 12 | Black/White | 21 | Orange/Green |
| 4 | Green | 13 | Red/White | 22 | Black/White/Red |
| 5 | Orange | 14 | Green/White | 23 | White/Black/Red |
| 6 | Blue | 15 | Blue/White | 24 | Red/Black/White |
| 7 | White/Black | 16 | Black/Red | 25 | Green/Black/White |
| 8 | Red/Black | 17 | White/Red | | |
| 9 | Green/Black | 18 | Orange/Red | | |