



UL /CSA Listing: (UL) CMG c(UL)75°C
Meets UL 444 FT-4 Burn Requirements

Constructed for use with High Density connectors.
A low cost, highly flexible alternative to true SCSI 2 and SCSI 3* cables.
28 AWG stranded conductors and thin wall insulation provides size advantages over standard RS-232 cables.

APPLICATIONS High density connectors, general purpose point-to-point, low voltage applications.

| Eco-Index: RoHS Values | | | | |
|------------------------|-------|-------|-------|-----------------|
| <90ppm | <5ppm | <5ppm | <5ppm | <1000ppm |
| Pb | Cd | Cr+6 | Hg | PBDE's PPB's |



| Conductor | Insulation | Nom. Primary OD | | Tape | Braid | Drain | Jacket |
|--|-----------------|-------------------|--------------------------|-------------------------------------|---------------------------|---------------------|------------------------------|
| | | Inches | mm | | | | |
| 28 AWG 7/36 TC | SR-PVC | 0.028 | 0.711 | 100% Polypro Tape & AL/PET | 85% Coverage 36 AWG | N/A | Flex PVC Pebble Gray** |
| Conductor Resistance Ω/Mft. @ 20°C | Capacitance | | Nom.SE Imp. (Ohms) | Nom.Diff.*** Imp. (Ohms) | Prog. Delay | | |
| | pF/ft. (G-S) | pF/ft. (G-S-G) | | | ns/ft. | Max Delta ns/ft. | |
| 67 | 22.7 | 272 | 60 | 80 | 1.87 | 0.050 | |

PHYSICAL CONSTRUCTION DESCRIPTION Basic construction uses 28 AWG stranded tinned conductor SR-PVC insulation 0.028" Nom. OD. Conductors are then twisted into pairs with varying left-hand lays to reduce crosstalk. The required number of pairs are cabled with a left-hand lay, then shielded with both an AL/PET tape (AL side out) and braid shield. A 28 AWG (7/36 TC) drain wire is pulled in between the shields. The cable is jacketed with Pebble Gray Hi-Flex PVC.**

| Part No. | No. of Conductors | No. of Pairs | Core Layout | Jacket OD (Nom.) | | Color Code |
|-----------------------|-------------------|--------------|-------------|------------------|--------|-------------|
| | | | | Inches | mm | |
| 48621-10-850-S-01000 | 10 | 5 | 5-0 | 0.210 | 5.334 | Band Marked |
| 48621-12-850-S-01000 | 12 | 6 | 5-1 | 0.225 | 5.715 | Band Marked |
| 48621-14-850-S-01000 | 14 | 7 | 6-1 | 0.225 | 5.715 | Band Marked |
| 48621-20-850-S-01000 | 20 | 10 | 8-2 | 0.267 | 6.782 | Band Marked |
| 48621-24-850-S-01000 | 24 | 12 | 9-3 | 0.275 | 6.985 | Band Marked |
| 48621-26-850-S-01000 | 26 | 13 | 10-3 | 0.278 | 7.061 | Band Marked |
| 48621-36-850-S-01000 | 36 | 18 | 11-6-1 | 0.309 | 8.849 | Band Marked |
| 48621-40-850-S-01000 | 40 | 20 | 13-6-1 | 0.315 | 8.001 | Band Marked |
| 48621-50-850-S-01000 | 50 | 25 | 13-9-3 | 0.354 | 8.992 | Band Marked |
| 48621-68-850-S-01000 | 68 | 34 | 18-11-5 | 0.390 | 9.906 | Band Marked |
| 48621-100-850-S-01000 | 100 | 50 | 20-16-10-4 | 0.468 | 11.887 | Band Marked |

*The name SCSI-Lite™ refers to the cables' dimensions and not electrical properties. SCSI 2 requires a minimum of 90Ω differential.

HCM's 48621 series is only 80Ω.

**Pebble Gray (850) is standard for this product but other colors are available upon request.

***Measured Shield floating.