



**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.