

# 28 AWG Shielded SCSI & SCSI NexZ<sub>0</sub><sup>TM</sup>

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

Meets ANSI X3T.9 (Project 0375M Publishes Ref. X3-131-1994) and X3T.10 (Per ANSI X3T.10 Document: 855 Annex D) Standards for interconnection of SCSI devices.  
Harmonized CMG listed for safety.

**APPLICATIONS** Internal wiring of electronic equipment such as PC Notebooks, FPDs, LCDs and PDAs.

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



Series No.	Conductor	Insulation	Nom. Primary OD		Tape	Braid	Drain	Jacket
			Inches	mm				
48331	28/AWG 7/36 TC	Flame Retardant Polypropylene	0.028	0.710	100% Polypro Tape & AL/PET	80% Coverage 36 AWG	28 AWG 7/36 TC	PVC Black
48213			0.034	0.684				
48360		Flame Retardant Cellular	0.034	0.889				
48212			0.035	0.889				
40426	28 AWG 1/28 TC		0.028	0.711		85% Coverage 38 AWG		
Series No.	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.	
48331	67	14	25	62	105	1.50	0.045	
48213		10	19	80	123	1.50	0.045	
48360		10	19	90	132	1.54	0.040	
48212		8	15.5	90	135	1.40	0.045	
40426		10	17	90	125	1.35	0.025	

**PHYSICAL CONSTRUCTION DESCRIPTION** Basic construction uses 28 AWG solid or stranded conductors with FRPP insulation. 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, wrapped with a foam polypro tape. The cable is then dual shielded with an AL/PET tape (aluminum side out) and braid shield (A 28 AWG drain wire is inserted between the two shields). The cable is then jacketed in a CMG rated PVC jacket.

Part No.	No. of Conductors	No. of Pairs	Core Layout	Jacket OD		Color Code
				Inches	mm	
48331-50-000-S-01000	50	25	13-9-3	0.366	9.296	Band Marked
48331-68-000-S-01000	68	34	18-11-5	0.402	10.211	Band Marked
48331-100-000-S-01000	100	50	22-16-9-3	0.489	12.421	Band Marked
48213-50-000-S-01000	50	25	13-9-3	0.403	10.236	Band Marked
48213-68-000-S-01000	68	34	18-11-5	0.448	11.379	Band Marked
48360-50-000-S-01000	50	25	13-9-3	0.440	11.176	Band Marked
48360-68-000-S-01000	68	34	18-11-5	0.478	12.141	Band Marked
48212-50-000-S-01000	50	25	13-9-3	0.442	11.227	Band Marked
48212-68-000-S-01000	68	34	18-11-5	0.480	12.192	Band Marked
40426-68-000-S-01000	68	34	18-11-5	0.388	9.855	Band Marked

\* The 50 pair 48331 series cable is compliant with High Performance Parallel Interface (HiPPI).  
\*\* Measured Shield floating.

† Black (000) is standard for these products but other colors are available upon request.

