

28 AWG Shielded SCSI & SCSI NexZ₀TM

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.

