

30 AWG Shielded SCSI NexZ₀™

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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. Hi-Twist used for quality twisted pairs.

APPLICATIONS Parallel processing, high speed interconnect CPU management and board to board interface.

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				
49251	30 AWG 7/36 TC	Flame Retardant Cellular Polyolefin*	0.028	0.710	100% Polypro Tape & AL/PET	85% Coverage: 36 AWG	N/A	PVC Matte Black†
49409			0.0265	0.678				
49557	30 AWG 1/30 TC		0.0265	0.678				
40427			0.025	0.635		85% Coverage: 38 AWG		
Series No.	Conductor Resistance Ω/Mft. @20°C	Capacitance		Nom. SE Imp. (Ohms)	Diff** Imp. (Ohms)	Prop. Nom.	Delay Skew	
		pf/ft. (G-S)	pf/ft. (G-S-G)			ns/ft.	Max Delta ns/ft.	
49251	106	9	17	90	130	1.45	0.045	
49409	106	12	18.5	80	123	1.40	0.045	
49557	113	10	17	90	130	1.36	0.025	
40427	104	11	18	90	125	1.35	0.025	

PHYSICAL CONSTRUCTION DESCRIPTION Basic construction uses 30 AWG stranded or solid conductor FRFPO. 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, then shielded with both an AL/PET tape (AL side out) and braid shield. The cable is jacketed with Hi-Flex PVC.†

Part No.	No. of Conductors	No. of Pairs	Core Layout	Jacket OD		Color Code
				Inches	mm	
49251-50--S-01000	50	25	13-9-3	0.366	9.296	Band Marked
49251-68--S-01000	68	34	18-11-5	0.402	10.211	Band Marked
49409-50-S-01000	50	25	13-9-3	0.340	8.636	Band Marked
49409-68-S-01000	68	34	18-11-5	0.370	9.398	Band Marked
49557-50-S-01000	50	25	13-9-3	0.340	8.636	Band Marked
49557-68-S-01000	68	34	18-11-5	0.370	9.398	Band Marked
40427-68-S-01000	68	34	18-11-5	0.354	8.992	Band Marked

** Measured Shield floating.

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

