

30 AWG Non-shielded SCSI NexZ₀™

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



Meets ANSI X3T.10 Standards for interconnection of SCSI devices.				
Hi-Twist used for quality twisted pairs.				
SPI, SCSI 3 Fast-20 and SPI-2 compliant.				
METHOD OF TESTING Per ANSI X3T.10 Document: 855 Annex D (Pub. Ref. X3.253-1995).				
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				
40325	30 AWG 7/38 TC	Flame Retardant Cellular Polyolefin	0.024	0.61	100% Polypro Tape	N/A	N/A	PVC Matte Black†
	Conductor Resistance Ω/Mft. @20°C	Capacitance		Nom. SE Imp. (Ohms)	Nom. Diff** Imp. (Ohms)	Prop. Delay		
		pf/ft. (G-S)	pf/ft. (G-S-G)			ns/ft.	Max Delta ns/ft.	
	106	11	18	65	115	1.34	0.025	

Part No.	No. of Conductors	No. of Pairs	Core Layout	Jacket OD		Color Code
				Inches	mm	
40325-68-000-S-01000	68	34	18-11-5	0.350	8.9	Band Marked

PHYSICAL CONSTRUCTION DESCRIPTION Basic construction uses 30 AWG stranded with FRFPO 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 jacketed with Hi-Flex PVC.†

Series No.	Conductor	Insulation	Nom. Primary OD		Tape	Braid	Drain	Jacket
			Inches	mm				
40498 40376	30 AWG 7/38 TC	Polyolefin	0.024	0.61	100% Polypro Tape	N/A	N/A	PVC Matte Black
			0.023	0.58				
	Conductor Resistance Ω/Mft. @20°C	Capacitance		Nom. SE Imp. (Ohms)	Nom. Diff** Imp. (Ohms)	Prop. Delay		
	pf/ft. (G-S)	pf/ft. (G-S-G)			ns/ft.	Max Delta ns/ft.		
	106	13	19.5	80	120	1.53	0.025	

Part No.	No. of Conductors	No. of Pairs	Core Layout	Jacket OD		Color Code
				Inches	mm	
40498-68-000-S-01000	68	34	18-11-15	0.314	7.98	Band Marked
40376-68-000-S-01000	68	34	18-11-15	0.325	8.26	Band Marked

** Measured Shield floating.

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

