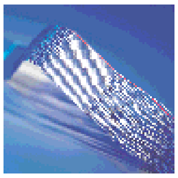
Part Information:



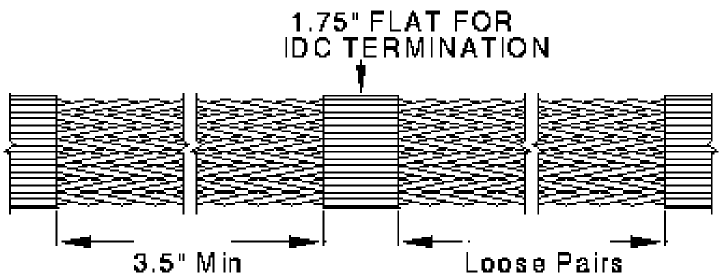
Part Number: 425-3006-026

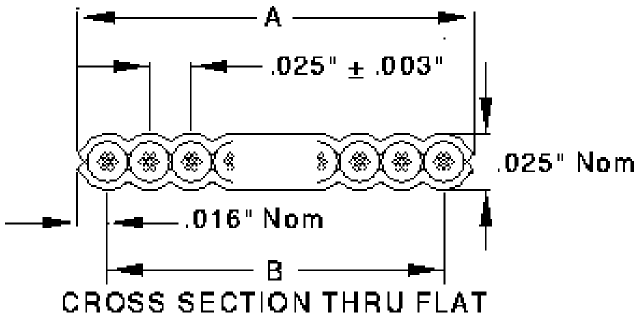
Description: .025" Loose pair Twist 'N' Flat , 30 awg stranded, PVC, 26 conductors

Family: Internal Twisted Pair

Add to Information Request

Outline Drawing





Introduction

For internal single-ended or differential SCSI applications requiring twisted pairs, Spectra-Strip now offers mass termination on .025" centers with its new .025" Twist 'n' Flat®. Unique in the industry, this is the only cable to offer programmable twist length sections (up to a maximum of 10) and loose, unbonded twisted pairs for a maximum in cable flexibility and improved airflow within the cabinet. Compared with traditional hand lamination methods, .025" Twist 'n' Flat® affords considerable end product cost savings.

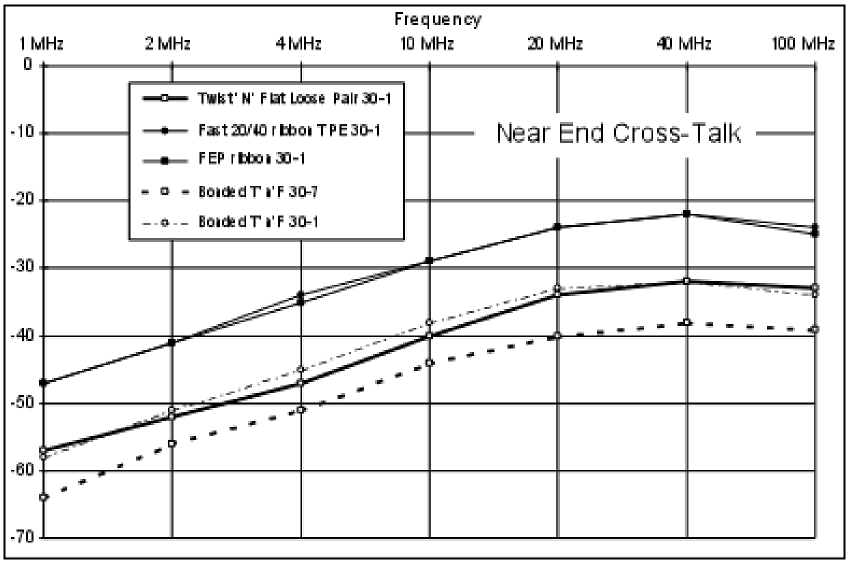
Benefits

- UL
- CSA Certified
- Offers reduced total assembly costs over current labor-intensive discrete or hand-lamination methods
- Up to ten twist length combinations are available
- Loose pairs between IDC flats allows increased airflow around the assembly
- Terminates to industry standard .025" IDC connectors
- Double-sided lamination provides excellent conductor strain relief

Specifications

Physical	
Conductors	30 AWG 7/38 Strand, Tinned Copper
Color	1st Pair Red/Gray Followed by Blue Gray and Repeat
Insulation	.006 PVC
Laminate	Polyester
Temperature Rating	80°C
UL Style	#20744 CSA AWM FT-1

Electrical	
Impedance	90 + / - 6 ohms, single ended 122 + / - 10 ohms, differential
Capacitance	16.8 pf/ft Nom, single ended @ 1 MHz 12.0 pf/ft Nom, differentially @ 1 MHz
Propagation Delay	1.5 ns/ft Nom
Voltage Rating	150 volts
Current Rating	0.75 amp
DC Resistance	95 ohm/1,000'
Crosstalk	see chart



Ordering Information

			Width "A"		Span "B"	
Part Number	No. Cond	No. Pairs	Inches	(mm)	Inches	(mm)
425-3006-010	10	5	.257	(6,53)	.225 ± .010	(5,72 ± 0,25)
425-3006-014	14	7	.357	(9,07)	.325 ± .010	(8,26 ± 0,25)
425-3006-016	16	8	.407	(10,34)	.375 ± .010	(9,53 ± 0,25)
425-3006-020	20	10	.507	(12,88)	.475 ± .010	(12,07 ± 0,25)
425-3006-026	26	13	.657	(16,69)	.625 ± .010	(15,88 ± 0,25)
425-3006-034	34	17	.857	(21,77)	.825 ± .010	(20,96 ± 0,25)
425-3006-036	36	18	.907	(23,04)	.875 ± .010	(22,23 ± 0,25)
425-3006-040	40	20	1.007	(25,58)	.975 ± .010	(24,77 ± 0,25)
425-3006-050	50	25	1.257	(31,93)	1.225 ± .010	(31,12 ± 0,25)
425-3006-060	60	30	1.507	(38,28)	1.475 ± .010	(37,47 ± 0,25)
425-3006-064	64	32	1.607	(40,82)	1.575 ± .010	(40,01 ± 0,25)
425-3006-068	68	34	1.707	(43,36)	1.675 ± .010	(42,55 ± 0,25)
425-3006-080	80	40	2.007	(50,98)	1.975 ± .010	(50,17 ± 0,25)
425-3006-100	100	50	2.507	(63,68)	2.475 ± .010	(62,87 ± 0,25)