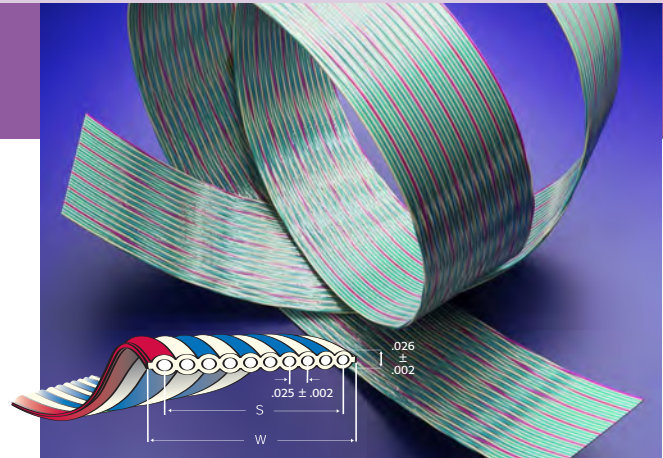


0.025" TPO Stranded & Solid Micro Quick-Twist

UL/cUL Listing: 21057
 UL/cUL Voltage: 30V
 UL/cUL Temp: 90°C
 UL/cUL Flame Rating: VW-1

Excellent noise and crosstalk reduction characteristics.
Ideal for IDC termination with High Density connectors.
UL approved
Compliant for SCSI Fast-XX, SPI-2, SPI-3 U160 LVD, SPI-4.
U320 LVD and SE applications.
APPLICATIONS Internal SCSI drives, SPI, SPI-2, SPI-3, SPI-4. Great for U1 and U2 servers.
Eco-Index: RoHS Values
<90ppm <5ppm <5ppm <5ppm <1000ppm
Pb Cd Cr+6 Hg PBDE's PPB's



TYPICAL THICKNESS FOR 20187, 20188 and 20096. 20051, 20062 AND 20095 HAVE .024 ± .002 THICKNESS.

PHYSICAL CONSTRUCTION DESCRIPTION HCM's TPO Micro Quick-Twist is built with 30 AWG stranded or solid tinned copper. Each conductor is individually extruded with TPO. Conductors are pulled into pairs then bonded into flat sections for IDC termination points. No lamination tapes are used on the flat sections for 20062 and 20051.



Series No.	Conductor AWG Stranding Coating	Insulation	Conductor Resistance Ω/Mft. @ 20°C	Capacitance		Impedance		Propagation Delay	
				pF/ft. (G-S)	pF/ft. (G-S-G)	(G-S-G) (Ohms) SE	(G-S) (Ohms) Diff.	ns/ft.	Skew ns/ft. (Max.)
20062	30 AWG 7/38 TC	TPO	106	10.3	13	95	120	1.56	0.035
20051	TC			10.8	14	90	115	1.56	0.035
20187 & 20188	30 AWG 1/30 TC	TPO	106	11.0	16.5	86	125	1.45	0.025
20095	30 AWG 7/30 TC			10.4	14	88	120	1.56	0.025
20089	30AWG 7/30 TC	TPO	106	10	14	88	117	1.50	
20096 & 20090	30 AWG 7/38 TC			11	15	86	115	1.56	0.035

Part No.	Insulation	No. of Pairs	Width "W"	Span "S"	Pitch Tolerance (mm)	Span Length Inch (mm)	Bond Length
20062-68-P-00200	TPO	34	1.700"	1.675"	± 0.002"	9.84 (250)	1.57 (40)
20051-68-P-00200	TPO	34	1.700"	1.675	± 0.002"	4.92 (125)	1.57 (40)
20188-68-P-00200	TPO	34	1.700"	1.675"	± 0.002"	4.92 (125)	1.57 (40)
20187-68-P-00200	TPO	34	1.700"	1.675	± 0.002"	5.24 (133)	1.57 (40)
20095-68-P-00200	TPO	34	1.700"	1.675"	± 0.002"	10.24 (260)	1.98 (50)
20089-68-P-00200	TPO	34	1.700"	1.675	± 0.002"	9.84 (250)	1.57 (40)
20096-68-P-00200	TPO	34	1.700"	1.675"	± 0.002"	5.24 (133)	1.98 (50)
20090-68-P-00200	TPO	34	1.700"	1.675	± 0.002"	4.92 (125)	1.57 (40)

Standard multicolor is Red, Light Yellow, Blue, Light Yellow, Blue, Light Yellow, Blue, Light Yellow, Blue, Light Yellow, Blue, Light Yellow, repeat for all stranded constructions. All data is for reference only and is subject to change.

