

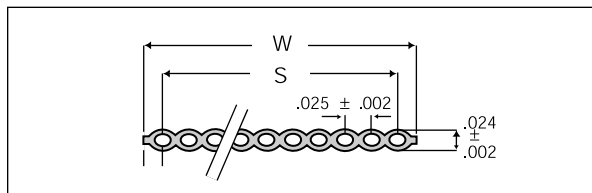
## .025" PVC Stranded Sub-Micro Quick-Twist Cable



**UL/cUL Style:** 20528  
**UL/cUL Voltage Rating:** 150V  
**UL/cUL Temp:** 105°C  
**UL/cUL Flame Rating:** VW-1

- 32 AWG Construction for superior impedance.
- Excellent noise and crosstalk reduction characteristics.
- Ideal for IDC termination with today's High-Density connectors.
- Available in shorter span versions.
- Great alternative to FEP and TPO cables when higher performance is demanded of a stranded cable.
- **Designed for SCSI, FAST-XX, SPI-2 and SPI-3 applications.**
- LVD and SE compliant.

Series No.	Conductor AWG Stranding Coating	Insulation	Conductor Resistance Ω/Mft. @ 20°C	Capacitance		Impedance*		Attenuation*		Propagation Delay	
				pF/ft. (G-S)	pF/ft. (G-S-G)	(G-S-G) (Ohms) SE	(G-S) (Ohms) Diff.	MHz	dB/Cft.	ns/ft.	Skew ns/ft.
20077	32 AWG 7/40 Tinned	PVC	185	11.2	12.50	105	130	5	4.267	1.56	0.035
20036											
20048											
20049	32 AWG 7/40 Tinned/Top Coat	PVC	185	13.2	14.6	95	132	40	12.770	1.56	0.035
20081	32 AWG 7/40 Tinned							60	16.673		



**Physical construction description:** HCM's Sub Micro Quick-Twist is built with 32 AWG stranded tinned copper. Each conductor is individually extruded with PVC. Conductors are pulled into pairs then bonded into flat sections for IDC termination points. No lamination tapes are used on the flat bonded section for this product family

Part No.	HCM Configuration	Insulation	No. of Pairs	Width "W"	Span "S"	Pitch Tolerance	Span Length Inch (mm)	Bond Length Inch (mm)
20077-068	A3207-SMQT-68T 250	PVC	34	1.700"	1.675"	± .002"	9.84 (250)	1.57 (40)
20036-068	A3207-SMQT-68T 260	PVC	34	1.700"	1.675"	± .002"	10.24 (260)	1.9 (50)
20048-068	A3207-SMQT-68T 125	PVC	34	1.700"	1.675"	± .002"	4.92 (125)	1.57 (40)
20049-068	A3207-SMQT-68TTC 125	PVC	34	1.700"	1.675"	± .002"	4.92 (125)	1.57 (40)
20081-068	A3207-SMQT-68T 133	PVC	34	1.700"	1.675"	± .002"	5.24 (133)	1.9 (50)

Standard multicolor for 20036, 20048, 20077 and 20081 is Red, White, Orange, White, Green, White, Blue, White, Black, White, repeat.

Standard multicolor for 20049 is Red, White, Green, White, Green, White, Green, White, Green, White, repeat

\* Impedance testing completed with TDR. Capacitance completed with Impedance Analyzer and Attenuation with Network Analyzer.

