

.025" TPO Stranded Microzip Flat Ribbon Cable

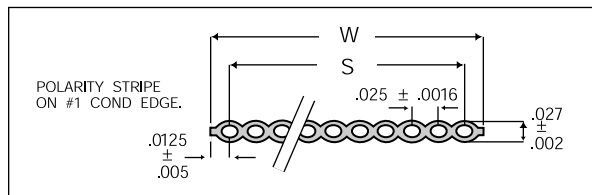


UL Style: 20647
UL Voltage Rating: 150V
UL Temp: 105°C

CSA Style: AWM I A/B FT- 1
CSA Voltage Rating: 150V
CSA Temp: 105°C

- Tight tolerances on .025" pitch flat ribbon cable.
- Stranded conductor TPO construction for enhanced performance over PVC.
- UL and CSA approved (cable is printed UL/CSA).
- Compliant for today's new high speed termination machinery, offering tight tolerances on pitch and span.
- See Part No. 20009-068 & 20021-068 for SCSI FAST-XX, SPI-2 and SPI-3 applications.
- 23196-080 is Ultra ATA 100 and 133 compliant.

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.)
23196	30 AWG 7/38 Tinned	Thermoplastic Olefin	106	8.8	15.7	77	129	1.44	.025
20009	31 AWG 7/0.0033 Tinned	Thermoplastic Olefin	140	9.43	15.75	90	135	1.42	.025
20021	32 AWG 7/40 Tinned	Thermoplastic Olefin	176	8.84	14.77	90	147	1.45	.025



Physical construction description: This Microzip consists of 30 AWG stranded tinned copper.* Each leg of copper is pulled in parallel and fully extruded with HCM's unique Thermo-Plastic Olefin (TPO). A polarity stripe is co-extruded into position number one for easy identification. By co-extruding the polarity stripe, HCM assures a permanent marking that will not chip and avoids the use of hazardous ink materials. Standard color is light yellow.

Part No.	HCM Configuration	Insulation	No. of Conductors	Width "W"	Span "S"	Pitch Tolerance	Standard Put-ups
23196-026	R3007-51-26T AWM/CSA	TPO	26	0.650"	0.625" ± .005"	± .0016"	100'
23196-034	R3007-51-34T AWM/CSA	TPO	34	0.850"	0.825" ± .005"	± .0016"	100'
23196-040	R3007-51-40T AWM/CSA	TPO	40	1.000"	0.975" ± .005"	± .0016"	100'
23196-050	R3007-51-50T AWM/CSA	TPO	50	1.250"	1.225" ± .005"	± .0016"	100'
23196-064	R3007-51-64T AWM/CSA	TPO	64	1.600"	1.575" ± .005"	± .0016"	100'
23196-068	R3007-51-68T AWM/CSA	TPO	68	1.700"	1.675" ± .005"	± .0016"	100', 200' & 400'
23196-080	R3007-51-80T AWM/CSA	TPO	80	2.000"	1.975" ± .005"	± .0016"	100'
23196-100	R3007-51-100T AWM/CSA	TPO	100	2.500"	2.475" ± .007"	± .0020"	100'
20009-068	R3107-51-68T AWM/CSA	TPO	68	1.700"	1.675" ± .005"	± .0016"	400'
20021-068	R3207-55-68T AWM/CSA	TPO	68	1.700"	1.675" ± .005"	± .0016"	400'
20021-080	R3207-55-80T AWM/CSA	TPO	80	2.000"	2.475" ± .005"	± .0020"	400'

Other conductor counts available upon request.

*20009-068 31 AWG and 20021 uses 32 AWG.