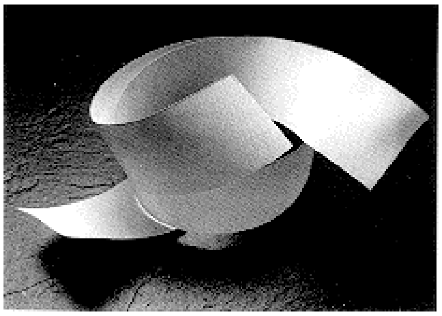
MICROZIP FLAT RIBBON CABLE
.025" TPO Stranded

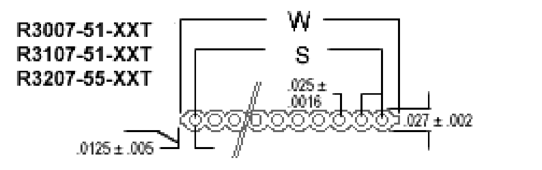


- Tight tolerances on .025" pitch flat ribbon cable.
- Stranded conductor TPO construction for enhanced performance over PVC.
- UL and CSA approved (cable is printed UL/CSA).
- Compliant for today's new high speed termination machinery, offering tight tolerances on pitch and span.
- A low cost alternative to the costly FEP cables.
- See Part No. 20009-068 & 20021-068 for SCSI Fast-20/40/80 and 160 compliant cables.
- See Part No. 23196-080 for an Ultra ATA compliant cable.

UL Listing: 20848	**UL Voltage Rating:** 30V	**UL Temperature:** 105° C
CSA Listing: AWM I A/B FT-1	**CSA Voltage Rating:** 300V	**CSA Temperature:** 105° C

Series No.	Conductor Stranding Coating	Insulation	Conductor Resistance @ 20° C	Capacitance		Impedance		Propagation Delay	
				(G-S)	(G-S-G)	(G-S-G) SE	(G-S) SE	ns/ft.	Skew ns/ft
23196	30 AWG 7/38 Tinned	Thermo-Plastic Olefin	106 Ohms/Mft	8.8 pF/ft	15.7 pF/ft	77 Ohms	118 Ohms	1.44	.030 (Max.)
20009	31 AWG 7/0.0033" Tinned	Thermo-Plastic Olefin	140 Ohms/Mft	9.43 pF/ft	15.75 pF/ft	90 Ohms	127 Ohms	1.42	.040 (Max.)
20021	32 AWG 7/40 Tinned	Thermo-Plastic Olefin	176 Ohms/Mft	8.84 pF/ft	14.77 pF/ft	90 Ohms	129 Ohms	1.45	.030 (Max.)

Physical construction description:
This Microzip cable 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 red 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.



30 AWG has a red polarity stripe, 31 AWG has a blue strip, 32 AWG has a violet strip on #1 conductor edge

Part No.	HCM Configuration	Insulation	No. of Cond.	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" ± .008"	± .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"	100', 200' & 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"	1.975" ± .005"	± .0016"	400'

Other conductor counts available upon request.