

A CUSTOM CABLE MANUFACTURER FOR OVER 25 YEARS

UltraFlex - TC

Flexible Control Tray Cable

(UL) 1277 Type TC 90°C 600V; Open Wiring

(UL) MTW 600V; (UL)VW-1; CSA AWM FT4


Application:

Multi-Conductor, Oil Resistant, Flexible Tray Cable for Industrial Control Applications. Cables are UV Resistant and Direct Burial Rated.

Features:

 Flexible Stranding
 Premium Insulation & Insulation Armor
 Optional Color Code
 Maximum Flexibility Cable Assembly Process
 Premium Oil Resistant & Flame Retardant Jacket

Technical Details

 AC Voltage Rating: 600V/2000V Peak
 Temperature Range: -25°C to 90°C
 Conductors: Fine Stranded BC
 Color Code: Black Numbered Plus Green/Yellow Ground
 Bend Radius: 5 X Cable Diameter

Cable Construction:

 Flexible Bare Copper Conductors
 Co-Extruded Armored PVC Insulation
 Flame Retardant & Oil Resistant Outer PVC Jacket

Approvals

 (UL) 1277 Type TC 90°C 600V, Open Wiring
 (UL) MTW 600V (Machine Tool Wire)
 (UL) AWM - CSA AWM FT4
 CE Compliant

Part Number	Number of Conductors Incl. Ground	Nominal Cable Diameter inches	Nominal Cable Diameter mm	Approximate Cable Weight Lbs/Mft	Approximate Cable Weight kg/km	Part Number	Number of Conductors Incl. Ground	Nominal Cable Diameter inches	Nominal Cable Diameter mm	Approximate Cable Weight Lbs/Mft	Approximate Cable Weight kg/km
18 AWG (19/30) Bare Copper PVC/NYL - .090(2.28mm)						14 AWG (41/30) Bare Copper PVC/NYL - .114(2.89mm)					
JMC-501803	3	0.295	7.49	60	89	JMC-501403	3	0.345	8.76	90	134
JMC-501804	4	0.320	8.13	70	104	JMC-501404	4	0.370	9.40	110	164
JMC-501805	5	0.350	8.89	80	119	JMC-501405	5	0.405	10.29	130	193
JMC-501807	7	0.375	9.53	100	149	JMC-501407	7	0.440	11.18	170	253
JMC-501808	8	0.440	11.18	115	171	JMC-501408	8	0.510	12.95	225	335
JMC-501812	12	0.465	11.81	170	253	JMC-501412	12	0.590	14.99	308	458
JMC-501818	18	0.570	14.48	245	365	JMC-501418	18	0.575	14.61	440	655
JMC-501825	25	0.645	16.38	320	476	JMC-501425	25	0.765	19.43	590	878
JMC-501850	50	0.890	22.61	650	967	12 AWG (65/30) Bare Copper PVC/NYL - .144(3.65mm)					
16 AWG (26/30) Bare Copper PVC/NYL - .100(2.54mm)						JMC-501203	4	0.450	11.43	150	223
JMC-501603	3	0.320	8.13	70	104	JMC-501204	5	0.480	12.19	190	283
JMC-501604	4	0.350	8.89	85	126	JMC-501205	7	0.570	14.48	260	387
JMC-501605	5	0.380	9.65	100	149	10 AWG (105/30) Bare Copper PVC/NYL - .188(4.77mm)					
JMC-501607	7	0.405	10.29	125	186	JMC-501003	4	0.570	14.48	265	394
JMC-501608	8	0.440	11.18	135	201	JMC-501004	5	0.625	15.88	315	469
JMC-501609	9	0.470	11.94	170	253	JMC-501005	7	0.680	17.27	445	662
JMC-501612	12	0.510	12.95	220	327	8 AWG (168/30) Bare Copper PVC/NYL - .245(6.23mm)					
JMC-501616	16	0.596	15.14	270	402	JMC-500803	4	0.770	19.56	410	610
JMC-501618	18	0.620	15.75	290	432	JMC-500804	5	0.350	8.89	515	766
JMC-501625	25	0.700	17.78	400	595	6 AWG (266/30) Bare Copper PVC/NYL - .289(7.35mm)					
JMC-501641	41	0.930	23.62	625	930	JMC-500603	4	0.900	22.86	580	863
JMC-501650	50	0.980	24.89	760	1,131	JMC-500604	5	0.985	25.02	725	1,079
JMC-501661	61	1.070	27.18	790	1,176	4 AWG (413/30) Bare Copper PVC/NYL - .358(9.09mm)					
						JMC-500403	4	1.090	27.69	950	1,414
						2 AWG (665/30) Bare Copper PVC/NYL - .434(11.02mm)					
						JMC-500203	4	1.350	34.29	1,395	2,076