



ETFE / M-ZN & M-ZNA

ETFE insulated cores, based on: MIL-W-22759/16 & /17
Intended for use as internal wiring of equipment

600 V AC



Order reference		Conductor				Finished wire				Electrical	
		Tin Plated Copper (TPC)				ETFE			Weight	DC Resistance	DC Current rating In free air at 40°C
		Size		Stranding	Wire	Core	Tolerance				
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
M-ZN 3007	573cc3007	30	0.06	7 x 0.102	0.30	0.75	0.70	0.80	1.2	354	5
M-ZN 2807	573cc2807	28	0.09	7 x 0.127	0.38	0.83	0.78	0.88	1.6	223	7
M-ZN 2619	573cc2619	26	0.16	19 x 0.102	0.48	0.96	0.91	1.01	2.3	131	9
M-ZN 2419	573cc2419	24	0.24	19 x 0.127	0.60	1.14	1.09	1.19	3.4	83.3	12
M-ZN 2219	573cc2219	22	0.38	19 x 0.160	0.76	1.32	1.27	1.37	4.9	52.2	16
M-ZN 2019	573cc2019	20	0.60	19 x 0.203	0.97	1.52	1.47	1.57	7.3	32.0	22
M-ZN 1819	573cc1819	18	0.96	19 x 0.254	1.21	1.80	1.75	1.85	11	20.4	29
M-ZN 1619	573cc1619	16	1.23	19 x 0.287	1.36	2.01	1.96	2.06	14	15.8	33
M-ZN 1419	573cc1419	14	1.87	19 x 0.361	1.70	2.36	2.31	2.41	21	10.0	44
M-ZN 1237	573cc1237	12	2.98	37 x 0.320	2.20	2.90	2.82	2.97	33	6.59	59
M-ZN 1037	573cc1037	10	4.65	37 x 0.404	2.82	3.53	3.45	3.61	51	4.13	79
M-ZN 8133	573cc8133	8	8.60	133 x 0.287	4.20	5.05	4.98	5.13	90	2.30	118
M-ZN 6133	573cc6133	6	14.00	133 x 0.361	5.27	6.35	6.27	6.43	140	1.46	159
M-ZN 4133	573cc4133	4	22.00	133 x 0.455	6.65	7.92	7.82	8.03	230	0.920	216

		Silver Plated High Strength Copper Alloy (HSA)				ETFE			Weight	DC Resistance	DC Current rating In free air at 40°C
		Size		Stranding	Wire	Core	Tolerance				
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
M-ZNA 2619	575cc2619	26	0.16	19 x 0.102	0.48	1.02	0.97	1.07	2.3	147	9
M-ZNA 2419	575cc2419	24	0.24	19 x 0.127	0.60	1.14	1.09	1.19	3.4	93.1	12
M-ZNA 2219	575cc2219	22	0.38	19 x 0.160	0.76	1.32	1.27	1.37	4.9	57.4	16
M-ZNA 2019	575cc2019	20	0.60	19 x 0.203	0.97	1.52	1.47	1.57	7.3	35.1	22

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

										
Marking Not applicable										

Characteristics and key properties

		RoHS REACH LVD	Current rating IEC 60287	Fluid resistant Fuel Oil Water	Flame resistant	Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Based on MIL-W-22759/16 MIL-W-22759/17						Temp low -65°C	Temp >20,000 hrs +150°C

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