



ETFE / M-ZL & M-ZLA

ETFE insulated cores, based on: MIL-W-22759/18 & /19
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-ZL 3007	572cc3007	30	0.06	7 x 0.102	0.30	0.61	0.56	0.66	0.90	354	5
M-ZL 2807	572cc2807	28	0.09	7 x 0.127	0.38	0.68	0.63	0.73	1.2	223	6
M-ZL 2619	572cc2619	26	0.16	19 x 0.102	0.48	0.81	0.76	0.86	1.9	131	9
M-ZL 2419	572cc2419	24	0.24	19 x 0.127	0.60	0.91	0.86	0.96	2.8	83.3	12
M-ZL 2219	572cc2219	22	0.38	19 x 0.160	0.76	1.09	1.04	1.14	4.2	52.2	16
M-ZL 2019	572cc2019	20	0.60	19 x 0.203	0.97	1.30	1.25	1.35	6.4	32.0	21
M-ZL 1819	572cc1819	18	0.96	19 x 0.254	1.21	1.55	1.50	1.60	9.7	20.4	28
M-ZL 1619	572cc1619	16	1.23	19 x 0.287	1.36	1.70	1.65	1.75	12	15.8	32
M-ZL 1419	572cc1419	14	1.87	19 x 0.361	1.70	2.06	2.01	2.11	19	10.0	43
M-ZL 1237	572cc1237	12	2.98	37 x 0.320	2.20	2.62	2.57	2.67	31	6.59	58
M-ZL 1037	572cc1037	10	4.65	37 x 0.404	2.77	3.20	3.15	3.25	48	4.13	78

		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-ZLA 2619	574cc2619	26	0.16	19 x 0.102	0.48	0.81	0.76	0.86	1.9	147	9
M-ZLA 2419	574cc2419	24	0.24	19 x 0.127	0.60	0.91	0.86	0.97	2.8	93.1	12
M-ZLA 2219	574cc2219	22	0.38	19 x 0.160	0.76	1.09	1.04	1.14	4.2	57.4	16
M-ZLA 2019	574cc2019	20	0.60	19 x 0.203	0.97	1.30	1.24	1.35	6.4	35.1	21

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

00 Black	11 Brown	22 Red	33 Orange	44 Yellow	55 Green	66 Blue	77 Violet	88 Grey	99 White	29 Pink
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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-22759/18 MIL-W-22759/19						Temp low -65°C	Temp >20,000 hrs +150°C

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