Habia Cable

M-ZL

Equipment Wire, 600V, +150°C — ETFE

Properties:
Radiation resistance:
10 E5 Gy

Flame retardant
Low Smoke Generation

Suitable for use in:
Oils
Fuels
Acids
Bases

Construction:

Conductor	Tin Plated Copper (TPC)
Insulation	ETFE
Temperature rating (°C)	-65 / +150
Colours	XX = Colour code
Voltage	600 V AC
Test voltage	3400 V AC

Colour code:

Black	00
Brown	11
Red	22
Orange	33
Yellow	44
Green	55
Blue	66
Violet	77
Grey	88
White	99
Pink	29
Natural	89

Notes:
All dimensions nominal (± 4%) unless otherwise stated.
All dimensions in mm.

Air temperature correction factor for current rating: M-ZL

°C	10	20	30	40	50	60	70	80	90	100	110	120	130	140
Factor	1.16	1.11	1.06	1.00	0.94	0.88	0.82	0.76	0.69	0.62	0.54	0.45	0.35	0.23

Multicore correction factor for current rating:

Cores	2	3	4	6	8	10	12	16	20	24	28	32	36	40
Factor	1	0.88	0.80	0.69	0.62	0.59	0.55	0.51	0.48	0.43	0.41	0.39	0.38	0.36

Type	Size		Conductor			Finished Wire				Order Reference
	AWG	mm²	Stranding	Wire Ø	DC Res @ 20°C (Ohms / km)	Core Ø	Tolerance	Weight (kg/km)	Amps (@ 40°C)	
M-ZL 3007	30	0,057	7 x 0,10	0,30	355	0,61	+ 0,04 - 0,03	0,9	3	572xx3007
M-ZL 2807	28	0,089	7 x 0,13	0,38	225	0,68	+ 0,05 - 0,04	1,2	4	572xx2807
M-ZL 2619	26	0,155	19 x 0,10	0,48	135	0,81	± 0,05	1,9	6	572xx2619
M-ZL 2419	24	0,241	19 x 0,13	0,60	86,0	0,91	+ 0,06 -0,05	2,8	9	572xx2419
M-ZL 2219	22	0,382	19 x 0,16	0,76	53,1	1,09	+ 0,06 - 0,05	4,2	12	572xx2219
M-ZL 2019	20	0,597	19 x 0,20	0,96	32,4	1,30	+ 0,06 - 0,05	6,4	16	572xx2019
M-ZL 1819	18	0,963	19 x 0,25	1,21	20,4	1,55	± 0,05	9,7	22	572xx1819
M-ZL 1619	16	1,229	19 x 0,29	1,36	15,8	1,70	± 0,05	12	27	572xx1619
M-ZL 1419	14	1,870	19 x 0,36	1,70	10,0	2,06	± 0,05	19	37	572xx1419
M-ZL 1237	12	2,976	37 x 0,32	2,20	6,63	2,62	± 0,05	31	50	572xx1237
M-ZL 1037	10	4,650	37 x 0,40	2,77	4,13	3,20	± 0,05	48	69	572xx1037

Data provided indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and is subject to change without prior notice.

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