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 ORIGINATOR: A.J.R.
 CHECKED:

BELDEN SPECIFICATION DATA SHEET

CABLE TYPE

TYPE "Z" ETFE INSULATED EQUIPMENT WIRE

GENERAL DESCRIPTION

TIN PLATED COPPER CONDUCTORS,
 ETFE EXTRUDED INSULATION TYPE "Z".

RELEVANT STANDARDS

GENERALLY IN ACCORDANCE WITH MIL-W-22759/16
 AND INTERNAL BELDEN SPECIFICATION.

Conductor Details				Insulation Thickness	Overall Diameter		Conductor Resistance (Ω /km @ 20°C)	Mass	Long term current rating
Size AWG	Stranding (mm)	O/D (mm)	Area (mm ²)	Nominal (mm)	Min. (mm)	Max. (mm)	TPCW (Max)	Nom. (kg/km)	Max. *(A)
32	07/0.079	0.24	0.03	0.23	0.64	0.74	620.00	0.87	1.50
30	07/0.102	0.30	0.06	0.23	0.70	0.80	356.00	1.15	2.0
28	07/0.127	0.38	0.09	0.23	0.78	0.88	225.00	1.54	3.0
26	07/0.160	0.48	0.14	0.23	0.88	0.98	142.00	2.14	4.0
24	07/0.203	0.60	0.22	0.23	1.01	1.11	88.60	3.12	6.0
22	19/0.160	0.80	0.38	0.26	1.27	1.37	53.10	5.06	8.0
20	19/0.203	1.00	0.60	0.26	1.47	1.57	32.40	7.56	11.0
18	19/0.254	1.25	0.96	0.28	1.75	1.85	20.40	11.20	15.0
16	19/0.287	1.44	1.23	0.29	1.96	2.06	15.80	14.30	18.0
15	37/0.250	1.75	1.81	0.30	2.30	2.46	10.70	19.80	22.0
14	19/0.361	1.81	1.94	0.28	2.31	2.41	10.00	21.30	24.0
12	37/0.320	2.24	2.98	0.33	2.82	2.97	6.63	32.00	35.0
10	37/0.404	2.80	4.74	0.36	3.45	3.61	4.13	49.70	47.0
8	133/0.287	4.14	8.56	0.46	4.98	5.13	2.30	89.40	74.0
6	133/0.361	5.21	13.5	0.57	6.27	6.43	1.46	141.0	100.0
4	133/0.454	6.58	21.5	0.68	7.82	8.03	0.92	222.0	135.0
2	665/0.254	8.49	33.7	0.69	9.75	9.96	0.60	342.0	170.0

*Current ratings are based on a temperature rise of 40°C (single wire in free air)

Available in 11 basic colours Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White, Pink (plus natural) along with bi-colour combinations.

CABLE CHARACTERISTICS _____ :

VOLTAGE RATING: 600 V rms
TEMPERATURE RATING: -65°C to +150°C
RADIATION RESISTANCE: 200 MEGARADS
OXYGEN INDEX: 30 %

All wires are RoHS compliant.

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