

HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

HEATSENSE SPECIFICATION DATA SHEET

CABLE TYPE

TYPE "ZZ" ETFE INSULATED EQUIPMENT WIRE

GENERAL DESCRIPTION

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

RELEVANT STANDARDS

HEATSENSE INTERNAL SPECIFICATION.

Heatsense Reference:	Conductor Details				Insulation Thickness	Overall Diameter		Conductor Resistance (Ω /km @ 20°C)	Mass	Long term current rating
	Size AWG	Stranding (mm)	O/D (m m)	Area (mm ²)		Nominal (mm)	Min. (mm)			
HSE32TB9	32	07/0.079	0.24	0.03	0.38	0.91	1.11	620.00	1.60	1.50
HSE30TB9	30	07/0.102	0.30	0.06	0.38	0.97	1.17	356.00	1.93	2.0
HSE28TB9	28	07/0.127	0.38	0.09	0.38	1.04	1.24	225.00	2.34	3.0
HSE26TB9	26	07/0.160	0.48	0.14	0.38	1.14	1.35	142.00	2.62	4.0
HSE24TB9	24	07/0.203	0.60	0.22	0.38	1.27	1.47	88.60	4.08	6.0
HSE24TC9	24	19/0.127	0.63	0.24	0.38	1.30	1.50	85.96	4.27	6.0
HSE22TC9	22	19/0.160	0.80	0.38	0.38	1.42	1.63	53.10	5.73	8.0
HSE20TC9	20	19/0.203	1.00	0.60	0.38	1.63	1.83	32.40	8.24	11.0
HSE18TC9	18	19/0.254	1.25	0.96	0.38	1.88	2.13	20.40	12.04	15.0
HSE16TC9	16	19/0.287	1.44	1.23	0.41	2.11	2.41	15.80	15.20	18.0
HSE15TD9	15	37/0.250	1.75	1.81	0.42	2.40	2.80	10.70	21.41	22.0
HSE14TC9	14	19/0.361	1.81	1.94	0.42	2.46	2.86	10.00	22.70	24.0
HSE12TD9	12	37/0.320	2.24	2.98	0.43	2.91	3.31	6.63	33.19	35.0
HSE10TD9	10	37/0.404	2.80	4.74	0.44	3.48	3.89	4.13	50.72	47.0
HSE08T39	8	133/0.287	4.14	8.56	0.58	5.05	5.56	2.30	92.78	74.0
HSE06T39	6	133/0.361	5.21	13.5	1.10	7.26	7.64	1.46	161.30	100.0
HSE04T39	4	133/0.454	6.58	21.5	1.20	8.86	9.37	0.92	248.47	135.0
HSE02T49	2	665/0.254	8.49	33.7	1.20	10.03	10.54	0.60	350.68	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

CABLE CHARACTERISTICS

VOLTAGE RATING:

1000 V rms

TEMPERATURE RATING:

-65°C to +150°C

+155°C MAXIMUM SERVICE TEMPERATURE (IEC 60216)

RADIATION RESISTANCE:

200 MEGARADS

OXYGEN INDEX:

30 %

FLAME RETARDANT:

IEEE 383-1974, UL 94 V-0

All wires are RoHS compliant.

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