

SPECIFICATION DATA SHEET

CABLE TYPE

POLYIMIDE INSULATED EQUIPMENT WIRE TYPE 2 UNSCREENED

GENERAL DESCRIPTION

SILVER AND NICKEL PLATED COPPER CONDUCTORS, POLYIMIDE TAPE INSULATED, COMPACT, LIGHTWEIGHT INSULATION SYSTEM. LOW SMOKE, FLAME RETARDANT, HIGH TEMPERATURE.

RELEVANT STANDARDS

HEATSENSE INTERNAL SPECIFICATION.

Heatsense Part Number **	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)	SPCW (Max)		
HSK30SA2	30	01/0.250	0.25	0.049	0.12	0.43	0.55	377.00	387.00	0.67	2.0
HSK28SA2	28	01/0.320	0.32	0.080	0.12	0.50	0.62	229.00	234.00	0.99	3.0
HSK26SA2	26	01/0.400	0.40	0.126	0.12	0.58	0.70	146.00	148.00	1.44	4.0
HSK24SA2	24	01/0.508	0.51	0.203	0.12	0.69	0.81	87.93	89.93	2.17	6.0
HSK22SA2	22	01/0.600	0.60	0.283	0.12	0.78	0.90	64.30	65.00	2.98	7.0
HSK20SA2	20	01/0.813	0.81	0.519	0.12	0.99	1.11	34.45	35.10	5.16	10.0
HSK19SA2	19	01/0.900	0.90	0.636	0.12	1.08	1.20	28.50	28.60	6.37	12.0
HSK18SA2	18	01/1.024	1.02	0.824	0.12	1.20	1.32	21.60	21.90	8.50	15.0
HSK32SB2	32	07/0.080	0.24	0.035	0.12	0.42	0.54	558.00	605.00	0.53	1.5
HSK30SB2	30	07/0.100	0.30	0.055	0.12	0.48	0.60	353.00	377.00	0.75	2.0
HSK28SB2	28	07/0.120	0.36	0.079	0.12	0.54	0.66	244.00	258.00	1.00	3.0
HSK28SB2	28	07/0.127	0.38	0.089	0.12	0.56	0.68	208.66	221.78	1.09	3.0
HSK26SB2	26	07/0.150	0.45	0.124	0.12	0.63	0.75	159.00	166.00	1.45	4.0
HSK24SB2	24	07/0.200	0.60	0.220	0.12	0.78	0.90	88.30	91.20	2.41	6.0
HSK26SC2	26	19/0.100	0.50	0.149	0.12	0.68	0.80	130.00	139.00	1.71	5.0
HSK24SC2	24	19/0.120	0.60	0.215	0.12	0.78	0.90	89.80	94.90	2.37	6.0
HSK22SC2	22	19/0.150	0.75	0.336	0.12	0.93	1.05	58.60	61.30	3.55	8.0
HSK20SC2	20	19/0.200	1.00	0.597	0.12	1.18	1.30	32.50	33.60	6.06	11.0
HSK8SC2	18	19/0.250	1.25	0.933	0.12	1.43	1.55	20.6	21.20	9.26	15.0
HSK16SC2	16	19/0.300	1.50	1.343	0.12	1.68	1.80	14.30	14.60	13.13	20.0
HSK14SC2	14	19/0.335	1.68	1.675	0.12	1.86	1.98	11.40	11.60	16.24	23.0
HSK12SC2	12	19/0.450	2.25	3.022	0.12	2.43	2.55	6.28	6.38	28.78	35.0
HSK10SD2	10	37/0.400	2.80	4.650	0.12	2.98	3.10	4.01	4.08	43.87	47.0

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

**For Nickel Plated Conductor substitute the "S" for "N".

Standard colour is natural (amber)

CABLE CHARACTERISTICS

RADIATION RESISTANCE:

10 MEGARADS

VOLTAGE RATING:

600 V rms / 2 KV DC

TEMPERATURE RATING:

-75°C to +200°C for SILVER plated copper conductors

-75°C to +200°C for NICKEL plated copper conductors

All wire sizes/colours are RoHS and REACH compliant

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