

SPECIFICATION DATA SHEET

CABLE TYPE

POLYIMIDE INSULATED EQUIPMENT WIRE TYPE 1 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 Nominal (kg/km)	Long term current rating Max. *(A)
	Size AWG	Stranding (mm)	O/D (mm)	Area (mm ²)		Nominal (mm)	Min. (mm)	Max. (mm)	SPCW (Max)		
HSK30SA1	30	01/0.250	0.25	0.049	0.06	0.34	0.40	377.00	387.00	0.57	2.0
HSK28SA1	28	01/0.320	0.32	0.080	0.06	0.44	0.47	229.00	234.00	0.87	3.0
HSK27SA1	27	01/0.376	0.38	0.111	0.06	0.47	0.53	163.00	167.00	1.15	3.5
HSK26SA1	26	01/0.400	0.40	0.126	0.06	0.49	0.55	146.00	148.00	1.31	4.0
HSK24SA1	24	01/0.508	0.51	0.203	0.06	0.60	0.66	87.93	89.93	2.17	6.0
HSK22SA1	22	01/0.600	0.60	0.283	0.06	0.69	0.75	64.30	65.00	2.81	7.0
HSK19SA1	19	01/0.900	0.90	0.636	0.06	0.99	1.05	28.50	28.60	6.13	12.0
HSK32SB1	32	07/0.080	0.24	0.035	0.06	0.33	0.39	558.00	605.00	0.44	1.5
HSK30SB1	30	07/0.100	0.30	0.055	0.06	0.39	0.45	353.00	377.00	0.64	2.0
HSK28SB1	28	07/0.120	0.36	0.079	0.06	0.45	0.51	244.00	258.00	0.88	3.0
HSK28SB1	28	07/0.127	0.38	0.089	0.06	0.47	0.53	209.00	222.00	0.97	3.0
HSK26SB1	26	07/0.150	0.45	0.124	0.06	0.56	0.62	159.00	166.00	1.34	4.0
HSK24SB1	24	07/0.200	0.60	0.220	0.06	0.69	0.75	88.30	91.20	2.24	6.0
HSK26SC1	26	19/0.100	0.50	0.149	0.06	0.57	0.67	130.00	139.00	1.59	5.0
HSK22SC1	22	19/0.150	0.75	0.336	0.06	0.82	0.92	58.60	61.30	3.39	8.0
HSK0SC1	20	19/0.200	1.00	0.597	0.06	1.07	1.17	32.50	33.60	5.86	11.0
HSK18SC1	18	19/0.250	1.25	0.933	0.06	1.34	1.40	20.6	21.2	8.84	15.0

*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:

250 V rms

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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