

HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

HEATSENSE SPECIFICATION DATA SHEET

CABLE TYPE

FEP INSULATED EQUIPMENT WIRE TYPE "K"

GENERAL DESCRIPTION

SILVER OR TIN PLATED COPPER CONDUCTORS,
FEP INSULATED, EXTRUDED.

RELEVANT STANDARDS

MANUFACTURED AND TESTED IN ACCORDANCE
WITH MIL-W-16878/11 (S.P.C.W.) AND NEMA HP-4.

Part Number	Conductor Details					Overall Diameter		Conductor Resistance (Ω /km @ 20°C)		Mass
	# = S=SPCW T=TPCW	Size AWG	Stranding (mm)	Stranding (AWG)	C.S.A. (mm ²)	Diameter Nominal (mm)	Min. (mm)	Max. (mm)	SPCW (Max.)	TPCW (Max.)
HSF32#A8.	32	01/0.203	1 x 32	0.032	0.203	0.61	0.81	544	584	1.09
HSF32#B8.	32	07/0.079	7 x 40	0.034	0.236	0.66	0.86	558	597	1.04
HSF30#A8.	30	01/0.254	1 x 30	0.051	0.254	0.66	0.86	348	374	1.34
HSF30#B8.	30	07/0.102	7 x 38	0.057	0.305	0.71	0.91	328	354	1.38
HSF28#A8.	28	01/0.320	1 x 28	0.080	0.320	0.74	0.94	219	232	1.74
HSF28#B8.	28	07/0.127	7 x 36	0.089	0.381	0.79	0.99	209	224	1.82
HSF28#C8.	28	19/0.079	19 x 40	0.093	0.371	0.79	0.99	207	222	1.98
HSF26#A8.	26	01/0.404	1 x 26	0.128	0.404	0.81	1.02	137	146	2.31
HSF26#B8.	26	07/0.160	7 x 34	0.141	0.480	0.89	1.09	130	140	2.47
HSF26#C8.	26	19/0.102	19 x 38	0.155	0.478	0.89	1.09	122	131	2.53
HSF24#A8.	24	01/0.511	1 x 24	0.205	0.511	0.91	1.12	86.0	89.2	3.15
HSF24#B8.	24	07/0.203	7 x 32	0.226	0.610	1.02	1.22	80.4	86.0	3.50
HSF24#C8.	24	19/0.127	19 x 36	0.241	0.600	1.02	1.22	77.4	83.3	3.56
HSF22#B8.	22	07/0.254	7 x 30	0.355	0.762	1.17	1.37	51.2	54.8	4.96
HSF22#C8.	22	19/0.160	19 x 34	0.382	0.752	1.17	1.37	48.6	52.2	5.09
HSF20#A8.	20	01/0.813	1 x 20	0.519	0.800	1.22	1.42	33.8	35.1	6.22
HSF20#B8.	20	07/0.320	7 x 28	0.563	0.960	1.37	1.57	32.2	34.1	7.40
HSF20#C8.	20	19/0.203	19 x 32	0.615	0.955	1.37	1.57	29.8	32.0	7.56
HSF18#C8.	18	19/0.254	19 x 30	0.962	1.194	1.63	1.88	21.4	20.4	11.5
HSF16#C8.	16	19/0.287	19 x 29	1.229	1.349	1.85	2.21	13.5	15.8	15.0
HSF14#C8.	14	19/0.361	19 x 27	1.944	1.694	2.24	2.59	9.42	10.0	23.1
HSF12#C8.	12	19/0.454	19 x 25	3.074	2.316	2.72	3.07	5.94	6.30	35.3
HSF12#D8.	12	37/0.320	37 x 28	2.974	2.179	2.67	3.02	6.20	6.59	35.3
HSF10#D8.	10	37/0.404	37 x 26	4.741	2.743	3.23	3.58	3.90	4.13	49.3
HSF08#38.	8	133/0.287	133 x 29	8.600	4.089	4.70	5.05	2.17	2.30	94.6
HSF06#38	6	133/0.361	133 x 27	13.606	5.210	6.27	6.43	1.37	1.46	141.0

CABLE CHARACTERISTICS

VOLTAGE RATING:

600 V rms

TEMPERATURE RATING:

-65°C TO +150°C FOR TPCW (As Per NEMA Spec.)

-65°C TO +200°C FOR SPCW (As per NEMA/MIL Spec.)

Insulation is suitable for use in low temperature environments down to -200°C.

Available in 10 basic colours Black, Brown, Red, Orange, Yellow, Green, Blue,
Violet, Grey, White (plus natural and pink) along with bi-colour combinations.

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