

HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

SPECIFICATION DATA SHEET

CABLE TYPE

FEP INSULATED EQUIPMENT WIRE TYPE "KT"

GENERAL DESCRIPTION

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

RELEVANT STANDARDS

MANUFACTURED AND TESTED IN ACCORDANCE
WITH MIL-W-16878/13 (S.P.C.W.) AND NEMA HP-4.

Part Number	Conductor Details				Overall Diameter		Conductor Resistance (Ω /km @ 20°C)		Mass
	#S for SPCW #T for TPCW	Size AWG	Stranding (mm)	Stranding (AWG)	Diameter Nominal (mm)	Min. (mm)	Max. (mm)	SPCW (Max.)	TPCW (Max.)
HSF32#A7	32	01/0.203	1 x 32	0.203	0.41	0.56	554	584	0.67
HSF32#B7	32	07/0.079	7 x 40	0.237	0.51	0.61	567	620	0.71
HSF30#A7	30	01/0.254	1 x 30	0.254	0.51	0.61	354	390	0.88
HSF30#B7	30	07/0.102	7 x 38	0.306	0.56	0.66	330	363	0.98
HSF28#A7	28	01/0.320	1 x 28	0.320	0.58	0.69	223	250	1.19
HSF28#B7	28	07/0.127	7 x 36	0.381	0.64	0.74	209	225	1.35
HSF28#C7	28	19/0.079	19 x 40	0.381	0.64	0.74	210	206	1.46
HSF26#A7	26	01/0.404	1 x 26	0.404	0.66	0.76	140	160	1.73
HSF26#B7	26	07/0.160	7 x 34	0.480	0.74	0.83	133	140	1.93
HSF26#C7	26	19/0.102	19 x 38	0.483	0.74	0.84	126	129	2.08
HSF24#A7	24	01/0.511	1 x 24	0.511	0.76	0.86	87.9	100	2.54
HSF24#B7	24	07/0.203	7 x 32	0.610	0.86	0.97	82.7	90.0	2.83
HSF24#C7	24	19/0.127	19 x 36	0.610	0.86	0.97	79.7	85.9	3.01
HSF22#B7	22	07/0.254	7 x 30	0.762	1.02	1.12	52.2	55.0	4.17
HSF22#C7	22	19/0.160	19 x 34	0.762	1.02	1.12	49.5	53.1	4.43
HSF20#A7	20	01/0.813	1 x 20	0.800	1.07	1.17	34.5	40.0	5.77
HSF20#B7	20	07/0.320	7 x 28	0.960	1.22	1.32	32.8	35.0	6.31
HSF20#C7	20	19/0.203	19 x 32	0.965	1.22	1.32	30.1	32.4	6.85

CABLE CHARACTERISTICS

VOLTAGE RATING:

250 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.)

Available in 10 basic colours Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White
(plus natural and pink).

All extruded wire sizes/colours are RoHS compliant

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