

HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

SPECIFICATION DATA SHEET

CABLE TYPE

FEP INSULATED EQUIPMENT WIRE TYPE "K"

GENERAL DESCRIPTION

TIN PLATED COPPER CONDUCTORS, METRIC SIZES TO BS EN 60228 CLASS 5, FEP INSULATED, EXTRUDED.

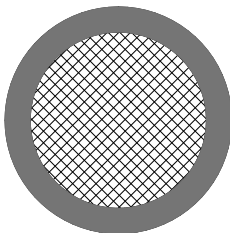
RELEVANT STANDARDS

MANUFACTURED AND TESTED IN ACCORDANCE WITH MIL-W-16878/11 AND NEMA HP-4

Part Number	Conductor Details			Wall Thickness	Overall Diameter	Conductor Resistance and Current Rating		Mass
	C.S.A. mm ²	Stranding (mm)	Diameter Nominal (mm)			Ω/Km Maximum @ 20°C	*Amps Maximum	
HSF24TC8.	0.25	19/0.130	0.65	0.25	1.15	76.40	13	3.84
HSF22TF8.	0.50	16/0.200	0.90	0.25	1.40	40.10	16	6.55
HSF20TG8.	0.75	24/0.200	1.10	0.25	1.60	26.70	23	9.17
HSF18TJ8.	1.00	32/0.200	1.25	0.25	1.75	20.00	26	11.71
HSF16TH8.	1.50	30/0.250	1.50	0.30	2.10	13.70	35	17.09
HSF14TK8.	2.50	50/0.250	2.00	0.35	2.70	8.21	50	27.94
HSF12TL8.	4.00	56/0.300	2.50	0.35	3.20	5.09	69	42.79
HSF10TN8.	6.00	84/0.300	3.00	0.40	3.80	3.39	93	63.24
HSF08TM8.	10.0	80/0.400	4.00	0.40	4.80	1.95	137	103.3
HSF06TO8.	16.0	126/0.40	5.70	0.50	6.70	1.24	182	167.8
HSF04TP8.	25.0	196/0.40	7.20	0.50	8.20	0.795	243	254.3
HSF02TQ8.	35.0	278/0.40	8.50	0.60	9.70	0.565	300	360.7

*Based on 40°C ambient with 110°C conductor temperature rise due to current.

Available in basic colours Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White, Pink, plus Natural.



CABLE CHARACTERISTICS:

VOLTAGE RATING: 600V rms

TEMPERATURE RATING: -100°C to + 150°C FOR TPCW
INSULATION RATED TO 200°C

OXYGEN INDEX: 95

FEP IS FLAME RETARDANT, HAS GOOD MECHANICAL AND ELECTRICAL PROPERTIES AND EXCELLENT CHEMICAL RESISTANCE – SUITABLE FOR USE IN OILS, FUELS & ACIDS.

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