

HEATSENSE SPECIFICATION DATA SHEET

CABLE TYPE

FEP INSULATED AWM EQUIPMENT WIRE

GENERAL DESCRIPTION

TIN PLATED COPPER CONDUCTORS,
FEP EXTRUDED 0.35mm NOMINAL R/T.

RELEVANT STANDARDS

UL STYLE 1333

Heatsense Part Number	Conductor Details				Insulation Thickness (mm)		Overall Diameter		Conductor Resistance (Ω /km @ 20°C)	Mass	Long term current rating
	Size AWG	Stranding (mm)	O/D (mm)	Area (mm ²)	Min. Ave.	Min. AAP	Min. (mm)	Nom. (mm)	TPCW (Max)	Nom. (kg/km)	Max. *(A)
HSF30TBV.	30	07/0.100	0.30	0.055	0.33	0.31	0.96	1.00	353.00	3.56	2.0
HSF28TBV.	28	07/0.127	0.38	0.089	0.33	0.31	1.04	1.08	217.00	4.01	3.0
HSF26TBV.	26	07/0.160	0.48	0.141	0.33	0.31	1.14	1.18	139.00	4.76	4.0
HSF24TBV.	24	07/0.200	0.60	0.220	0.33	0.31	1.26	1.30	87.20	6.22	6.0
HSF22TCV.	22	19/0.160	0.80	0.336	0.33	0.31	1.46	1.50	51.40	7.80	8.0
HSF20TCV.	20	19/0.200	1.00	0.597	0.33	0.31	1.66	1.70	32.30	11.14	11.0
HSF18TCV.	18	19/0.250	1.25	0.933	0.33	0.31	1.91	1.95	20.30	15.17	15.0
HSF16TCV.	16	19/0.300	1.50	1.340	0.33	0.31	2.16	2.20	14.00	18.62	18.0
HSF14TCV.	14	19/0.361	1.81	1.946	0.33	0.31	2.47	2.51	9.50	26.60	25.0
HSF12TCV.	12	19/0.450	2.25	3.020	0.33	0.31	2.91	2.95	6.28	38.20	35.0
HSF10TDV.	10	37/0.400	2.80	4.650	0.33	0.31	3.46	3.50	4.02	54.90	47.0

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

Available in 11 basic colours Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Grey, White, Pink plus natural.
Available in alternative conductor sizes – check for availability.

CABLE CHARACTERISTICS

VOLTAGE RATING: 300 V rms

TEMPERATURE RATING: +150°C

USE: Internal wiring of appliances and electronic equipment.
600 Volts peak – For Electronic Use Only.
Suitable for immersion in gasoline; gasoline vapour; and 80°C in oil.

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