

### HEATSENSE SPECIFICATION DATA SHEET

<b><u>CABLE TYPE</u></b>	<b>FEP INSULATED EQUIPMENT WIRES (AWM)</b>
<b><u>GENERAL DESCRIPTION</u></b>	<b>SILVER PLATED COPPER CONDUCTORS, FEP EXTRUDED 0.35mm NOMINAL WALL THICKNESS.</b>
<b><u>RELEVANT STANDARDS</u></b>	<b>UL STYLE 1332</b>

Heatsense Part Number	Conductor Details				Insulation Thickness (mm)		Overall Diameter		Conductor Resistance ( $\Omega$ /km @ 20°C)	Mass	Long term current rating
	E.P.N.	Size AWG	Stranding (mm)	O/D (mm)	Area (mm <sup>2</sup> )	Min. Ave.	Min. AAP	Min. (mm)	Nom. (mm)	SPCW (Max)	Nom. (kg/km)
HSF30SBV.	30	07/0.100	0.30	0.055	0.33	0.31	0.96	1.00	353.00	3.56	2.0
HSF28SBV.	28	07/0.127	0.38	0.089	0.33	0.31	1.04	1.08	223.00	4.01	3.0
HSF26SBV.	26	07/0.160	0.48	0.141	0.33	0.31	1.14	1.18	140.00	4.76	4.0
HSF24SBV.	24	07/0.200	0.60	0.220	0.33	0.31	1.26	1.30	87.60	6.22	6.0
HSF22SCV.	22	19/0.160	0.80	0.336	0.33	0.31	1.46	1.50	55.40	7.80	8.0
HSF20SCV.	20	19/0.200	1.00	0.597	0.33	0.31	1.66	1.70	34.60	11.14	11.0
HSF18SCV.	18	19/0.250	1.25	0.933	0.33	0.31	1.91	1.95	21.80	15.17	15.0
HSF16SCV.	16	19/0.300	1.50	1.340	0.33	0.31	2.16	2.20	13.70	18.62	18.0
HSF14SCV.	14	19/0.361	1.81	1.946	0.33	0.31	2.47	2.51	9.15	26.60	25.0
HSF12SCV.	12	19/0.450	2.25	3.020	0.33	0.31	2.91	2.95	5.75	38.20	35.0
HSF10SDV.	10	37/0.400	2.80	4.650	0.33	0.31	3.46	3.50	3.55	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

<b>VOLTAGE RATING:</b>	<b>300 V RMS</b>
<b>TEMPERATURE RATING:</b>	<b>+200°C</b>
<b>USE:</b>	<b>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</b>



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