

# HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

## HEATSENSE SPECIFICATION DATA SHEET

### CABLE TYPE

PTFE INSULATED AWM EQUIPMENT WIRE

### GENERAL DESCRIPTION

SILVER PLATED COPPER CONDUCTORS,  
PTFE EXTRUDED 0.35mm NOMINAL R/T.

### RELEVANT STANDARDS

UL STYLE 1180

Heatsense Reference	Conductor Details				Insulation Thickness (mm)		Overall Diameter		Conductor Resistance ( $\Omega$ /km @ 20°C)	Mass	Long term current rating
	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)	Max. *(A)
HSP32SBV	32	07/0.079	0.24	0.034	0.33	0.31	0.90	0.94	557.74	1.76	1.5
HSP30SBV	30	07/0.102	0.30	0.055	0.33	0.31	0.96	1.00	353.00	2.09	2.0
HSP28SBV	28	07/0.127	0.38	0.089	0.33	0.31	1.04	1.08	223.00	2.60	3.0
HSP26SBV	26	07/0.160	0.48	0.141	0.33	0.31	1.14	1.18	140.00	3.33	4.0
HSP26SCV	26	19/0.102	0.50	0.155	0.33	0.31	1.16	1.20	121.00	3.50	5.0
HSP24SBV	24	07/0.203	0.60	0.220	0.33	0.31	1.26	1.30	87.60	4.51	6.0
HSP24SCV	24	19/0.127	0.62	0.241	0.33	0.31	1.29	1.39	80.00	4.57	6.0
HSP22SCV	22	19/0.160	0.80	0.336	0.33	0.31	1.46	1.50	55.40	7.80	8.0
HSP20SCV	20	19/0.203	1.00	0.597	0.33	0.31	1.66	1.70	34.60	11.14	11.0
HSP18SCV	18	19/0.254	1.25	0.933	0.33	0.31	1.91	1.95	21.80	15.17	15.0
HSP16SCV	16	19/0.287	1.43	1.230	0.33	0.31	2.09	2.13	14.89	15.70	18.0
HSP15SCV	15(14)	19/0.361	1.81	1.946	0.33	0.31	2.47	2.51	9.15	26.60	25.0
HSP13SCV	13(12)	19/0.454	2.25	3.020	0.33	0.31	2.91	2.95	5.75	38.20	35.0
HSP11SDV	11(10)	37/0.404	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) along with bi- colour combinations.

Available in alternative conductor sizes – check for availability.

### CABLE CHARACTERISTICS

#### VOLTAGE RATING:

300 V rms

#### TEMPERATURE RATING:

200°C for UL1180 / CSA

#### FLAME RATING:

UL VW-1, CSA FT-1

#### 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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