

# HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

## SPECIFICATION DATA SHEET

### CABLE TYPE

PTFE INSULATED AWM EQUIPMENT WIRE

### GENERAL DESCRIPTION

SILVER PLATED COPPER CONDUCTORS,  
PTFE EXTRUDED INSULATION 0.53mm NOMINAL R/T.

### RELEVANT STANDARDS

UL STYLE 1199

Heatsense Reference:	Conductor Details				Insulation Thickness (mm)		Overall Diameter		Conductor Resistance ( $\Omega$ /km @ 20°C)	Mass	Long term current rating*
	Part Number	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)
HSP30SB4.	30	07/0.102	0.30	0.055	0.51	0.46	1.32	1.36	353.00	3.56	2.0
HSP28SB4.	28	07/0.127	0.38	0.089	0.51	0.46	1.40	1.44	223.00	4.01	3.0
HSP26SB4.	26	07/0.160	0.48	0.141	0.51	0.46	1.50	1.54	140.00	4.76	4.0
HSP24SB4.	24	07/0.203	0.60	0.220	0.51	0.46	1.62	1.66	87.60	6.22	6.0
HSP22SB4.	22	07/0.254	0.75	0.343	0.51	0.46	1.77	1.81	52.10	7.94	8.0
HSP22SC4.	22	19/0.160	0.80	0.336	0.51	0.46	1.82	1.86	55.40	7.80	8.0
HSP20SC4.	20	19/0.203	1.00	0.597	0.51	0.46	2.02	2.06	34.60	11.14	11.0
HSP18SC4.	18	19/0.254	1.25	0.933	0.51	0.46	2.27	2.31	21.80	15.17	15.0
HSP16SC4.	16	19/0.300	1.50	1.342	0.51	0.46	2.52	2.56	14.89	19.61	18.0
HSP15SC4.	14/15	19/0.361	1.81	1.946	0.51	0.46	2.83	2.87	9.15	26.60	25.0
HSP13SC4.	12/13	19/0.454	2.25	3.020	0.51	0.46	3.27	3.31	5.75	38.20	35.0
HSP11SD4.	10/11	37/0.404	2.80	4.650	0.51	0.46	3.82	3.86	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:**

600 V rms

#### **TEMPERATURE RATING:**

+200°C

#### **BEND RADIUS:**

10 x WIRE DIAMETER MINIMUM

#### **Use**

Internal wiring of appliances and electronic equipment.

2500 Volts peak – For Electronic Use Only.

Suitable for immersion in gasoline; gasoline vapour; and 80°C in oil.

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