

# HEATSENSE®

## CABLES

Specialist High-Performance Solutions

### SPECIFICATION DATA SHEET

**CABLE TYPE**

FEP INSULATED GENERAL PURPOSE IGNITION WIRE 15 / 25 KV DC

**GENERAL DESCRIPTION**

TIN PLATED COPPER CONDUCTORS,  
FEP EXTRUDED 0.53mm & 0.70mm NOMINAL R/T.

**RELEVANT STANDARDS**

MANUFACTURED AND TESTED IN ACCORDANCE WITH HEATSENSE  
INTERNAL SPECIFICATION.

Conductor Details					Insulation Thickness	Overall Diameter		Conductor Resistance	Mass	Voltage Rating
Heatsense Part:	Size AWG	Stranding (mm)	O/D (mm)	Area (mm <sup>2</sup> )	Nominal (mm)	Min. (mm)	Max. (mm)	Maximum (Ω/km @ 20°C)	Nom. (kg/km)	K.V. D.C.
HSF24TB4.	24	07/0.200	0.60	0.220	0.53	1.58	1.74	91.60	6.22	15
HSF24TB6.	24	07/0.200	0.60	0.220	0.70	1.90	2.10	91.60	8.37	25
HSF22TB4.	22	07/0.250	0.75	0.343	0.53	1.71	1.91	58.60	7.81	15
HSF22TB6.	22	07/0.250	0.75	0.343	0.70	2.05	2.25	58.60	10.27	25
HSF20TB4.	20	07/0.320	0.96	0.563	0.53	1.92	2.12	35.80	10.78	15
HSF20TB6.	20	07/0.320	0.96	0.563	0.70	2.26	2.46	35.80	13.35	25
HSF20TC4.	20	19/0.200	1.00	0.600	0.53	1.96	2.16	33.80	11.14	15
HSF20TC6.	20	19/0.200	1.00	0.600	0.70	2.30	2.50	33.80	13.76	25

Tin Plated Copper Conductors / FEP Extruded Insulation.

Standard colour is Natural. Coloured tint is also available as an alternative.

### CABLE CHARACTERISTICS

**VOLTAGE RATING:**

As stated in above table (Maximum).

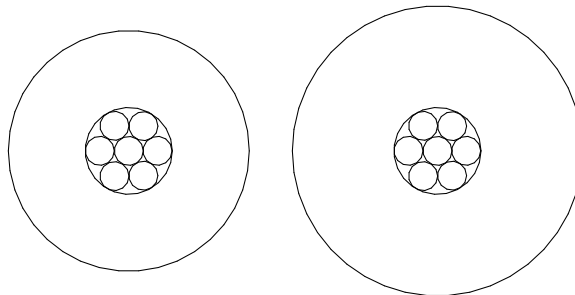
**TEMPERATURE RATING:**

+200°C

**USE:**

FEP Insulated single core cable for gas ignition systems in boilers, cookers and fires. Two standard types are available – 15 and 25 Kv for use at continuous operating temperature up to 200°C.

The tin plated copper conductor providing good resistance to corrosion while providing solderability and the FEP insulation providing excellent chemical resistance.



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