

HEATSENSE®

CABLES

Specialist High-Performance Solutions

SPECIFICATION DATA SHEET

CABLE TYPE

PFA INSULATED GAS IGNITION WIRE 15 / 25 KV DC

GENERAL DESCRIPTION

**NICKEL PLATED COPPER CONDUCTORS,
PFA 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 ²)	Nominal (mm)	Min. (mm)	Max. (mm)	Maximum (Ω/km @ 20°C)	Nom. (kg/km)	K.V. D.C.
HSA24NB4.	24	07/0.200	0.60	0.220	0.53	1.58	1.74	91.20	6.22	15
HSA24NB6.	24	07/0.200	0.60	0.220	0.70	1.90	2.10	91.20	8.37	25
HSA22NB4.	22	07/0.250	0.75	0.343	0.53	1.71	1.91	57.60	7.81	15
HSA22NB6.	22	07/0.250	0.75	0.343	0.70	2.05	2.25	57.60	10.27	25
HSA20NB4.	20	07/0.320	0.96	0.563	0.53	1.92	2.12	34.10	10.78	15
HSA20NB6.	20	07/0.320	0.96	0.563	0.70	2.26	2.46	34.10	13.35	25
HSA20NC4.	20	19/0.200	1.00	0.600	0.53	1.96	2.16	33.60	11.14	15
HSA20NC6.	20	19/0.200	1.00	0.600	0.70	2.30	2.50	33.60	13.76	25

Nickel Plated Copper Conductors / PFA Extruded Insulation.

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

CABLE CHARACTERISTICS

VOLTAGE RATING:

As stated in above table (Maximum).

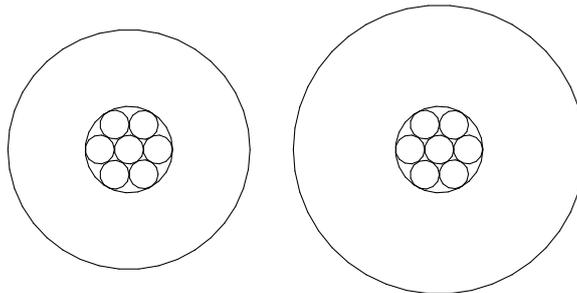
TEMPERATURE RATING:

+250°C

USE:

PFA 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 250°C.

The nickel plated copper conductor providing excellent resistance to corrosion and the PFA insulation providing excellent chemical resistance.



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