

HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

HEATSENSE - SPECIFICATION DATA SHEET

CABLE TYPE

GLASS FIBRE INSULATED NICKEL PLATED COPPER WIRE

GENERAL DESCRIPTION

NICKEL PLATED COPPER WIRE CONDUCTORS INSULATED WITH LAPPED GLASS YARN AND BRAIDED GLASS YARN, CONSOLIDATED WITH SILICONE VARNISH.

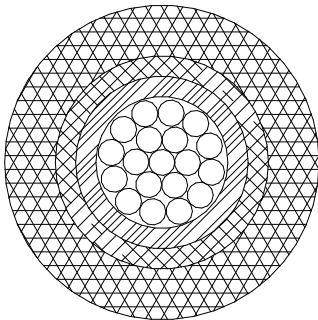
RELEVANT STANDARDS

GENERAL PURPOSE - INTERNAL HEATSENSE SPECIFICATION

Heatsense Part Number	Conductor C.S.A (mm ²)	Equivalent AWG Size (aprox.)	Conductor Stranding (mm)	Conductor Diameter (mm) Nominal	Overall Diameter (mm) Nominal	Current Rating (A) Maximum *	Conductor Resistance (Ω/Km Nom)
HSV24NBJ.	0.22	24	07/0.200	0.60	1.50	12	82.0
HSV22NFJ.	0.50	22	16/0.200	0.93	1.83	16	36.0
HSV20NGJ.	0.75	20	24/0.200	1.14	2.04	23	24.0
HSV18NJ.	1.00	18	32/0.200	1.40	2.30	26	18.0
HSV16NHJ.	1.50	16	30/0.250	1.60	2.50	35	12.3
HSV14NKJ.	2.50	14	50/0.250	2.00	2.90	50	7.40
HSV12NLJ.	4.00	12	56/0.300	2.60	3.50	69	4.60
HSV10NNJ.	6.00	10	84/0.300	3.10	4.40	93	3.00
HSV08NMJ.	10.0	8	80/0.400	4.20	5.80	137	1.80

* BASED ON A 40°C AMBIENT TEMPERATURE WITH 110°C CONDUCTOR RISE DUE TO CURRENT ONLY

Standard colour is White (natural). Colours or identification tracers are available on request.



CABLE CHARACTERISTICS :

VOLTAGE RATING: 240V RMS

TEMPERATURE RATING: -75°C to + 260°C

TYPICAL APPLICATIONS: GENERAL HIGH TEMPERATURE LOW VOLTAGE APPLICATIONS, OVENS, KILNS, HARSH INDUSTRIAL ENVIRONMENTS.

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