

HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

HEATSENSE - SPECIFICATION DATA SHEET

CABLE TYPE

INTEMP® 1250

GENERAL DESCRIPTION

PURE NICKEL 205 WIRE CONDUCTORS INSULATED WITH LAPPED MICA TAPE AND BRAIDED HIGH TEMPERATURE CERAMIC YARN, CONSOLIDATED WITH SILICONE VARNISH.

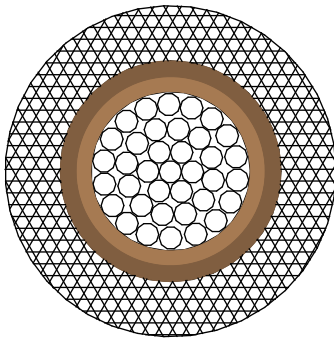
RELEVANT STANDARDS

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)
INTEMP1200-0.25-WE	0.25	24	19/0.130	0.65	2.85	5	377
INTEMP1200-0.50-WE	0.50	22	16/0.200	0.93	3.13	7	189
INTEMP1200-0.75-WE	0.75	20	24/0.200	1.14	3.34	10	126
INTEMP1200-1.00-WE	1.00	18	32/0.200	1.40	3.60	11	94
INTEMP1200-1.50-WE	1.50	16	30/0.250	1.60	3.80	15	64
INTEMP1200-2.50-WE	2.50	14	50/0.250	2.00	4.20	22	38
INTEMP1200-4.00-WE	4.00	12	56/0.300	2.60	4.80	30	24
INTEMP1200-6.00-WE	6.00	10	84/0.300	3.10	5.30	40	16
INTEMP1200-10.0-WE	10.0	8	80/0.400	4.20	6.40	61	9

* 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: 600V RMS

TEMPERATURE RATING: -75°C to +1250°C

TYPICAL APPLICATIONS: GENERAL HIGH TEMPERATURE MEDIUM VOLTAGE APPLICATIONS, OVENS, KILNS, FURNACES - METAL/GLASS WORKS, HARSH INDUSTRIAL ENVIRONMENTS.

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