

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

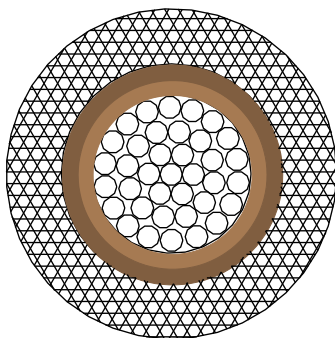
GENERAL PURPOSE - INTERNAL HEATSENSE SPECIFICATION

| Heatsense Part Number | Conductor C.S.A (mm²) | Equivalent AWG Size (aprox.) | Conductor Stranding (mm) | Conductor Diameter (mm) Nominal | Overall Diameter (mm) Nominal | Current Rating (A) Maximum * | Conductor Resistance (Ω/Km Nom) |
|-----------------------|-----------------------|------------------------------|--------------------------|---------------------------------|-------------------------------|------------------------------|---------------------------------|
| INTEMP1250-0.22-WE | 0.22 | 24 | 07/0.200 | 0.60 | 2.80 | 4 | 432 |
| INTEMP1250-0.50-WE | 0.50 | 22 | 16/0.200 | 0.93 | 3.13 | 7 | 189 |
| INTEMP1250-0.75-WE | 0.75 | 20 | 24/0.200 | 1.14 | 3.34 | 10 | 126 |
| INTEMP1250-1.00-WE | 1.00 | 18 | 32/0.200 | 1.40 | 3.60 | 11 | 94 |
| INTEMP1250-1.50-WE | 1.50 | 16 | 30/0.250 | 1.60 | 3.80 | 15 | 64 |
| INTEMP1250-2.50-WE | 2.50 | 14 | 50/0.250 | 2.00 | 4.20 | 22 | 38 |
| INTEMP1250-4.00-WE | 4.00 | 12 | 56/0.300 | 2.60 | 4.80 | 30 | 24 |
| INTEMP1250-6.00-WE | 6.00 | 10 | 84/0.300 | 3.10 | 5.30 | 40 | 16 |
| INTEMP1250-10.0-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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