

# HEATSENSE®

C A B L E S

Specialist High-Performance Solutions

## HEATSENSE SPECIFICATION DATA SHEET

### CABLE TYPE

HIGH TEMPERATURE INDUSTRIAL CABLE – INTEMP® 260.

### GENERAL DESCRIPTION

CABLES ARE CONSTRUCTED USING NICKEL PLATED COPPER WIRE CONDUCTORS AND INSULATED WITH A COMBINATION OF PFA, GLASS WHIP AND A GLASS FIBRE BRAID IMPREGNATED WITH HEAT RESISTANT VARNISH.

### RELEVANT STANDARDS

CONDUCTOR GENERALLY TO BS6360 Class 5 Flexible,  
CABLE TO INTERNAL HEATSENSE SPECIFICATION.

Nominal C.S.A. (mm <sup>2</sup> )	Heatsense Reference	Conductor Stranding	Nominal Conductor Diameter (mm)	Nominal AWG	Nominal Diameter (mm)	Conductor Resistance (Max) Ω/km	Current Rating* (max long term)*
0.25	INTEMP260-0.25-WE	19/0.130mm	0.65	24	2.05	79.00	13
0.50	INTEMP260-0.50-WE	16/0.200mm	0.93	22	2.33	40.00	16
0.75	INTEMP260-0.75-WE	24/0.200mm	1.14	20	2.54	26.50	23
1.00	INTEMP260-1.00-WE	32/0.200mm	1.40	18	2.80	20.00	26
1.50	INTEMP260-1.50-WE	30/0.250mm	1.60	16	3.00	13.70	35
2.50	INTEMP260-2.50-WE	50/0.250mm	2.00	14	3.50	8.21	50
4.00	INTEMP260-4.00-WE	56/0.300mm	2.60	12	4.10	5.09	69
6.00	INTEMP260-6.00-WE	84/0.300mm	3.10	10	5.00	3.39	93
10.00	INTEMP260-10.0-WE	80/0.400mm	4.20	8	6.40	1.95	137
16.00	INTEMP260-16.0-WE	224/0.300mm	6.30	6	8.60	1.26	182
25.00	INTEMP260-25.0-WE	500/0.250mm	8.00	4	10.40	0.81	243
35.00	INTEMP260-35.0-WE	700/0.250mm	8.80	2	11.20	0.58	300

\*Current ratings based on a temperature rise of 110°C allowing for an ambient temperature of 140°C.

### CABLE CHARACTERISTICS

#### VOLTAGE RATING:

600v rms Maximum

#### TEMPERATURE RATING:

-50°C to +260°C

#### MINIMUM BEND RADIUS:

10 x MAXIMUM OVERALL DIAMETER



Standard colour is Natural/White. Can be supplied with coloured tracers or different outer braid colours on request.

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