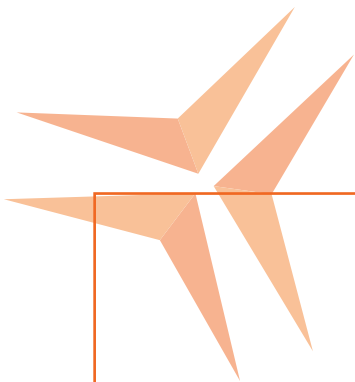


TILBEHØR



TILBEHØR
INTEMP

OVERVIEW:

CABLE TYPE

High temperature industrial cable - INTEMP 250.

GENERAL DESCRIPTION

Cables are constructed using nickel plated copper wire conductors and insulated with a combination of PFA MICA tapes and a glass fibre braid impregnated with heat resistant varnish.

RELEVANT STANDARDS

Conductors generally to BS6360 Class 5 Flexible, cable to original internal HEATSENSE specification.

Nominal C.S.A. (mm ²)	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	INTEMP250-0.25-WE	19/0.130mm	0.65	24	2.85	79.00	13
0.50	INTEMP250-0.50-WE	16/0.200mm	0.93	22	3.13	40.00	16
0.75	INTEMP250-0.75-WE	24/0.200mm	1.14	20	3.34	26.50	23
1.00	INTEMP250-1.00-WE	32/0.200mm	1.40	18	3.70	20.00	26
1.50	INTEMP250-1.50-WE	30/0.250mm	1.60	16	3.90	13.70	35
2.50	INTEMP250-2.50-WE	50/0.250mm	2.00	14	4.30	8.21	50
4.00	INTEMP250-4.00-WE	56/0.300mm	2.60	12	5.00	5.09	69
6.00	INTEMP250-6.00-WE	84/0.300mm	3.10	10	5.50	3.39	93
10.00	INTEMP250-10.0-WE	80/0.400mm	4.20	8	6.80	1.95	137
16.00	INTEMP250-16.0-WE	224/0.300mm	6.30	6	9.00	1.26	182
25.00	INTEMP250-25.0-WE	500/0.250mm	8.00	4	10.80	0.81	243
35.00	INTEMP250-35.0-WE	700/0.250mm	8.80	2	11.60	0.58	300

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

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



CABLE CHARACTERISTICS:

VOLTAGE RATING:

600/1000V RMS Maximum

TEMPERATURE RATING:

-50C to +260C

MINIMUM BEND RADIUS:

10 X Maximum overall diameter

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OVERVIEW:

CABLE TYPE

INTEMP 400.

GENERAL DESCRIPTION

Pure nickel 205 wire conductors insulated with lapped MICA Tape and braided glass yarn, consolidated with silicone varnish.

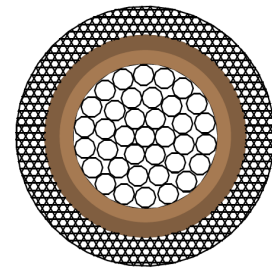
RELEVANT STANDARDS

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)
HSM24GCQ.	0.25	24	19/0.130	0.65	2.25	5	377
HSM22GFQ.	0.50	22	16/0.200	0.93	2.53	7	189
HSM20GGQ.	0.75	20	24/0.200	1.14	2.74	10	126
HSM18GJQ.	1.00	18	32/0.200	1.40	3.00	11	94
HSM16GHQ.	1.50	16	30/0.250	1.60	3.20	15	64
HSM14GKQ.	2.50	14	50/0.250	2.00	3.60	22	38
HSM12GLQ.	4.00	12	56/0.300	2.60	4.20	30	24
HSM10GNQ.	6.00	10	84/0.300	3.10	4.70	40	16
HSM08GMQ.	10.0	8	80/0.400	4.20	5.80	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:

600/1000V RMS Maximum

TEMPERATURE RATING:

-50C to +260C

MINIMUM BEND RADIUS:

10 X Maximum overall diameter

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OVERVIEW:

CABLE TYPE

INTEMP 700.

GENERAL DESCRIPTION

Pure nickel 205 wire conductors insulated with lapped MICA Tape and braided high temperature 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)
HSM24GCS.	0.25	24	19/0.130	0.65	2.25	5	377
HSM22GFS.	0.50	22	16/0.200	0.93	2.53	7	189
HSM20GGS.	0.75	20	24/0.200	1.14	2.74	10	126
HSM18GJS.	1.00	18	32/0.200	1.40	3.00	11	94
HSM16GHS.	1.50	16	30/0.250	1.60	3.20	15	64
HSM14GKS.	2.50	14	50/0.250	2.00	3.60	22	38
HSM12GLS.	4.00	12	56/0.300	2.60	4.20	30	24
HSM10GNS.	6.00	10	84/0.300	3.10	4.70	40	16
HSM08GMS.	10.0	8	80/0.400	4.20	5.80	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:

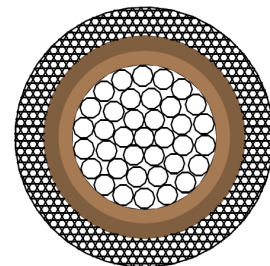
600V RMS

TEMPERATURE RATING:

-75C to +700C

MINIMUM BEND RADIUS:

General high temperature medium voltage applications, ovens, klins, furnaces metal/glass works, harsh industrial enviroments.



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OVERVIEW:

CABLE TYPE

INTEMP 1050.

GENERAL DESCRIPTION

Pure nickel 205 wire conductors insulated with lapped MICA Tape and braided high temperature quartz 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)
INTEMP1000-0.25-WE	0.25	24	19/0.130	0.65	2.25	5	377
INTEMP1000-0.50-WE	0.50	22	16/0.200	0.93	2.53	7	189
INTEMP1000-0.75-WE	0.75	20	24/0.200	1.14	2.74	10	126
INTEMP1000-1.00-WE	1.00	18	32/0.200	1.40	3.00	11	94
INTEMP1000-1.50-WE	1.50	16	30/0.250	1.60	3.20	15	64
INTEMP1000-2.50-WE	2.50	14	50/0.250	2.00	3.60	22	38
INTEMP1000-4.00-WE	4.00	12	56/0.300	2.60	4.20	30	24
INTEMP1000-6.00-WE	6.00	10	84/0.300	3.10	4.70	40	16
INTEMP1000-10.0-WE	10.0	8	80/0.400	4.20	5.80	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:

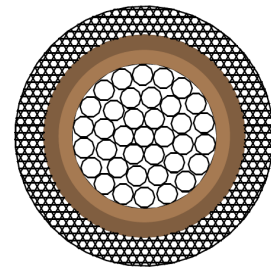
600V RMS

TEMPERATURE RATING:

-75C to +1050C

MINIMUM BEND RADIUS:

General high temperature medium voltage applications, ovens, klins, furnaces metal/glass works, harsh industrial enviroments.



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OVERVIEW:

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:

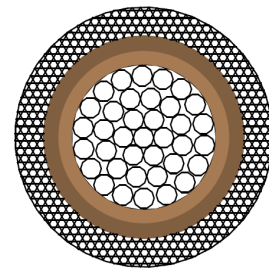
600V RMS

TEMPERATURE RATING:

-75C to +1250C

MINIMUM BEND RADIUS:

General high temperature medium voltage applications, ovens, klins, furnaces metal/glass works, harsh industrial enviroments.



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ELVARME

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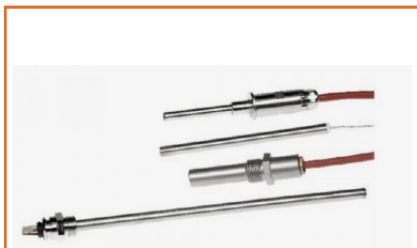
NIKKELLIDSE



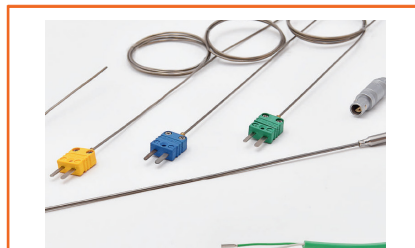
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FAST IR-SYSTEMS



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