IT-KDL

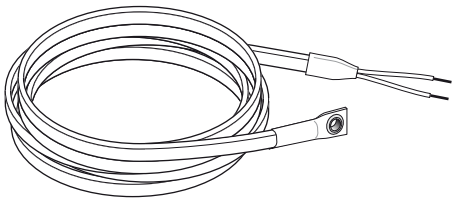
D100
0AT0
011A

Silicone heating cable

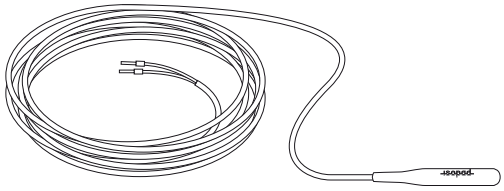
Isopad IT-KDL heating cables are specifically designed for internal and external heating of refrigeration drainlines and freezer doors. KDLs are constructed from silicone rubber, making them water resistant, and are supplied factory terminated in standard lengths. IT-KDL-SRs are specially produced in a small round form, making them very flexible and ideal for small bore drainlines.

Flexible SL and SR versions are standard; SLS and SRS variants are constructed with a steel braiding.

IT-KDL-SL



IT-KDL-SR



Area Specifications

	IT-KDL-SL	IT-KDL-SR
Area classification	Nonhazardous, ordinary area	Nonhazardous, ordinary area
Ingress protection	IP67	IP67
Electrical protection class	Class II	See note
Maximum withstand temperature (power off)	220°C	200°C
Minimum installation temperature	–50°C	–40°C

Note: These are components for further installation. The protective arrangements of Protection Class I or Class II must be followed during installation of the components and are the responsibility of the assembly company - please refer to the manual for further information.

Standard Manufacturing Sizes

	IT-KDL-SL	IT-KDL-SR
Width	9.5 mm ±10%	-
Thickness	6.25 mm ±10%	-
Outer diameters	-	5 mm ±10% (7.5 mm ±10% over moulded end)

Heater Construction

Type	Resistance heating cable
Material	Various alloys
Material of insulation	Silicone
Material of outer sheath	Silicone

Technical Data

	IT-KDL-SL	IT-KDL-SR
Frequency	50-60 Hz	50-60 Hz
Nominal operating voltage	230 Vac	230 Vac
Power per meter	40 W/m	40 W/m
Maximum operating temperature	220°C	200°C
Minimum bend radius	20 mm	5 mm
Minimum spacing	10 mm	10 mm

Ordering Information

	Part number	Length[1] (m)	Nominal power[2] (W)	Nominal voltage (Vac)
IT-KDL-SL	281332-000	1	40	230
	643140-000	2	80	230
	421844-000	3	120	230
	311936-000	4	160	230
	159372-000	5	200	230
	778676-000	6	240	230
IT-KDL-SR	057068-000	1	40	230
	456554-000	2	80	230
	998142-000	3	120	230
	863032-000	4	160	230
	148900-000	5	200	230
	361534-000	6	240	230

[1] Tolerances <2000 mm ± (1% + 50 mm)
>2000 mm ± (2% + 100 mm)

[2] Tolerances ±10%

TC-E B.V. | Authorized Isopad distributor | sales@tc-e.nl | +31 183 20 10 88 | www.iss-heating.com