

CCT

Shielded cables

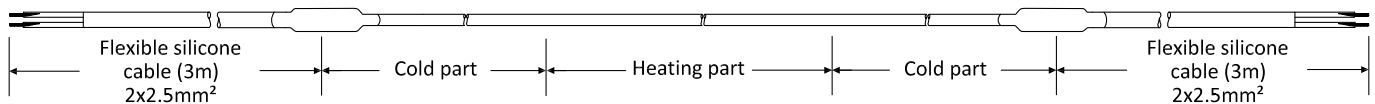
TRACELEC designs and manufactures shielded CCT heating cables. These mineral insulation elements shielded with alloy can withstand temperatures up to 800°C. Cables are shielded and flexible, they can be directly mounted on metal supports at the precise location where it is desired dissipate energy, thus limiting thermal losses.

- Piping, tanks and equipment needing very high exposure temperatures
- Temperature maintenance for large equipment
- Heating needing high power

Features

- Various power from 650 to 4 000 W
- Use indoors and outdoors, in the air, in vacuum or under pressure and in any corrosive environment compatible with the exterior sheath
- Cables that cannot be installed in ATEX zone
- Standard lengths
- Custom made cold outlets

Visual Description



Benefits

- Simplified installation under braid
- Cables extended with non-resistant parts of the same diameter and seamless connexions
- Cold outlet in soft silicone of a standard length of 3 m

Technical Data

Maximum watt density	230 V: from 200 to 300 W/m – 400 V: from 300 to 700 W/m
Nominal voltage supply	230 V ou 400 V
Maximum maintenance temperature	800°C
Maximum continuous temperature exposure	Power-off: 1050°C
Minimum installation temperature	-60°C
Minimum and maximum circuit length	3.3 to 5.7 m
Minimum bend radius	40 mm

Types of cables

	Power	Power	Diameter	Heating portion length	Cold portion length	Weight
230 V	(W)	(W/m)	(mm)	(m)	(m)	(kg)
CCT-2-650	650	197	6,4	3,3	2x0,85	0,7
CCT-2-800	800	200	6,4	4	2x0,85	0,8
CCT-2-900	900	200	6,4	4,5	2x0,85	0,8
CCT-2-1000	1000	200	6,4	5	2x0,85	0,9
CCT-2-1300	1320	232	6,4	5,7	2x0,53	1
CCT-2-1800	1800	321	6,4	5,6	2x0,50	1
400 V						
CCT-4-1500	1500	305	6,4	4,92	2x0,89	1
CCT-4-2000	2000	606	6,4	4,9	2x0,85	0,7
CCT-4-2400	2400	606	6,4	4	2x0,85	0,8
CCT-4-2700	2700	606	6,4	4,5	2x0,85	0,8
CCT-4-3000	3000	606	6,4	5	2x0,85	0,9
CCT-4-4000	4000	702	6,4	5,7	2x0,53	1

- Withstands continuous flammability testing according to IEC 603322-1
- Usage zones: ordinary
- Accessories tested according to ozone stability, UV and flammability according to ISO/IEC requirements



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