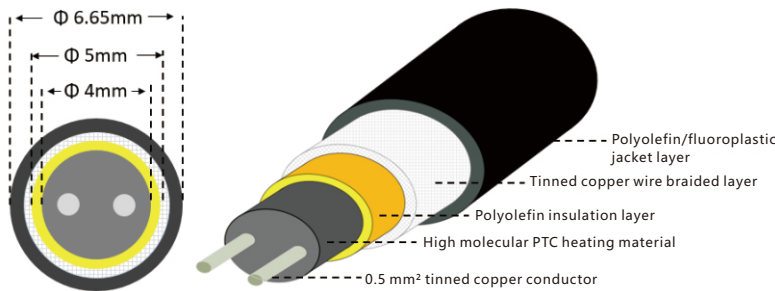




CHC series

Circular self-regulating heating cable

Product Information



The circular self-regulating heating cable (CHC) series products are suitable for pipeline anti-freezing and process temperature maintenance. They work on the principle of heating through parallel high molecular positive temperature coefficient (PTC) materials when energized. The PTC effect allows the material to change power output according to temperature, ensuring heating effects while achieving energy conservation and environmental protection.

The circular structure of the product provides a larger heating area. The products are available in two types: basic type (with an insulation layer only) and reinforced type (with braided and jacket layers). The jacket layer in the reinforced type can be selected based on the operating environment, using either corrosion-resistant fluoroplastic or polyolefin materials.

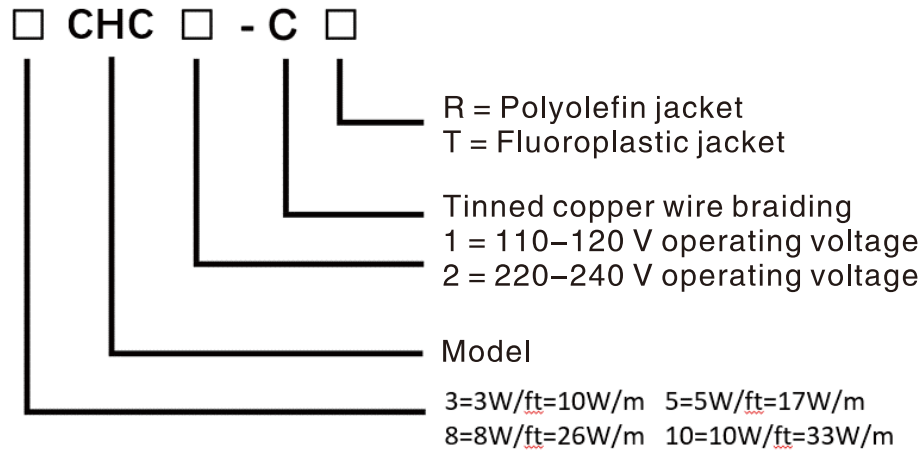
Technical parameters

Model	Voltage (V)	Maximum maintenance temperature (°C)	Maximum Exposure Temperature (°C)	Minimum Installation Temperature (°C)	Rated Power (W/m) @ 10°C	Minimum Bending Radius (mm) @ 10°C
CHC	110-120 220-240	65	85	-40	10-33	25
CHC -CR	110-120 220-240	65	85	-40	10-33	33
CHC-CT	110-120 220-240	65	85	-40	10-33	32

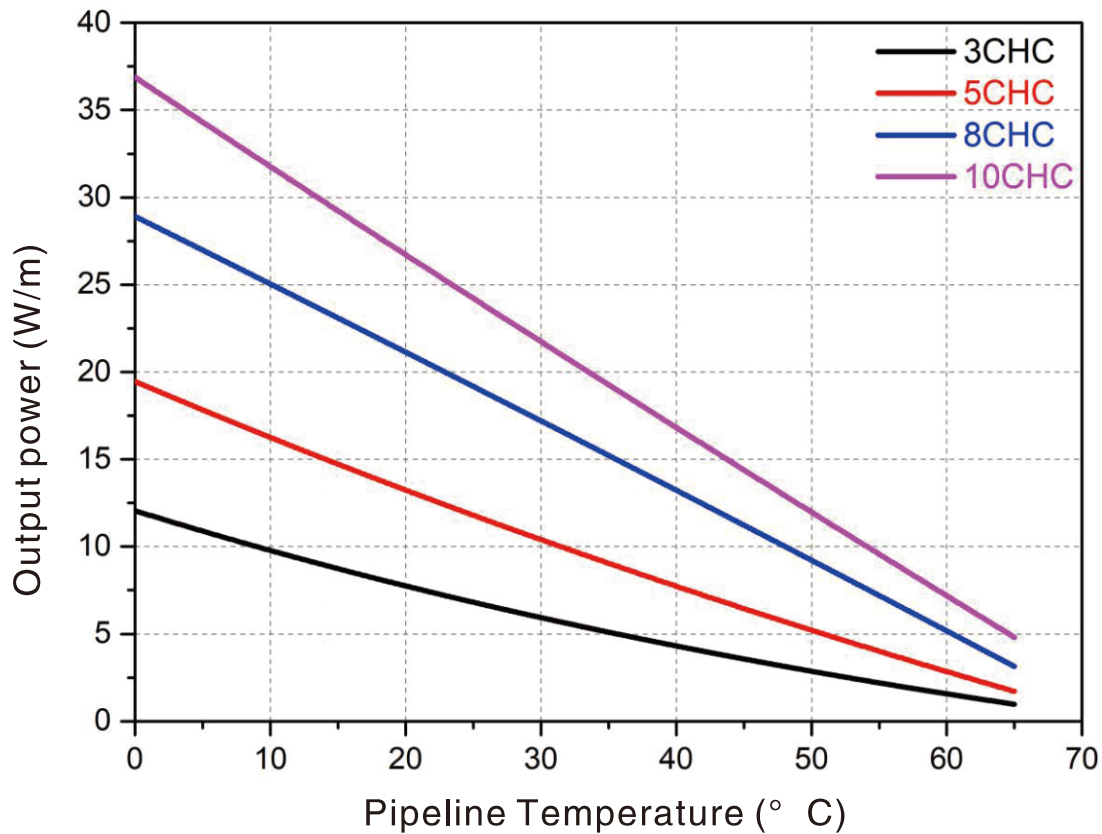


No. 86 Guandoumen Road, Jiujiang Economic Development Zone, Wuhu Area, China (Anhui) Pilot Free Trade Zone





Power Curve (P-T Curve)



No. 86 Guandoumen Road, Jiujiang Economic Development Zone, Wuhu Area, China (Anhui) Pilot Free Trade Zone



Maximum Usage Length (m)

Switch Capacity (Type C)	Minimum Startup Temperature	Voltage: 220-240V				Voltage: 110- 120V			
		3CHC2	5CHC2	8CHC2	10CHC2	3CHC1	5CHC1	8CHC1	10CHC1
16A	10°C	108	92	72	66	54	46	36	33
	0°C	108	92	72	66	54	46	36	33
	-10°C	108	92	72	66	54	46	36	33
	-20°C	108	92	72	62	54	46	36	31
	-40°C	108	92	65	54	54	46	32	27
20A	10°C	108	92	72	66	54	46	36	33
	0°C	108	92	72	66	54	46	36	33
	-10°C	108	92	72	66	54	46	36	33
	-20°C	108	92	72	66	54	46	36	33
	-40°C	108	92	72	66	54	46	36	33
25A	10°C	108	92	72	66	54	46	36	33
	0°C	108	92	72	66	54	46	36	33
	-10°C	108	92	72	66	54	46	36	33
	-20°C	108	92	72	66	54	46	36	33
	-40°C	108	92	72	66	54	46	36	33
32A	10°C	108	92	72	66	54	46	36	33
	0°C	108	92	72	66	54	46	36	33
	-10°C	108	92	72	66	54	46	36	33
	-20°C	108	92	72	66	54	46	36	33
	-40°C	108	92	72	66	54	46	36	33
40A	10°C	108	92	72	66	54	46	36	33
	0°C	108	92	72	66	54	46	36	33
	-10°C	108	92	72	66	54	46	36	33
	-20°C	108	92	72	66	54	46	36	33
	-40°C	108	92	72	66	54	46	36	33



No. 86 Guandoumen Road, Jiujiang Economic Development Zone, Wuhu Area, China (Anhui) Pilot Free Trade Zone



www.jh-trace.com



jh-trace@ahjiahong.com



0553-5315646