

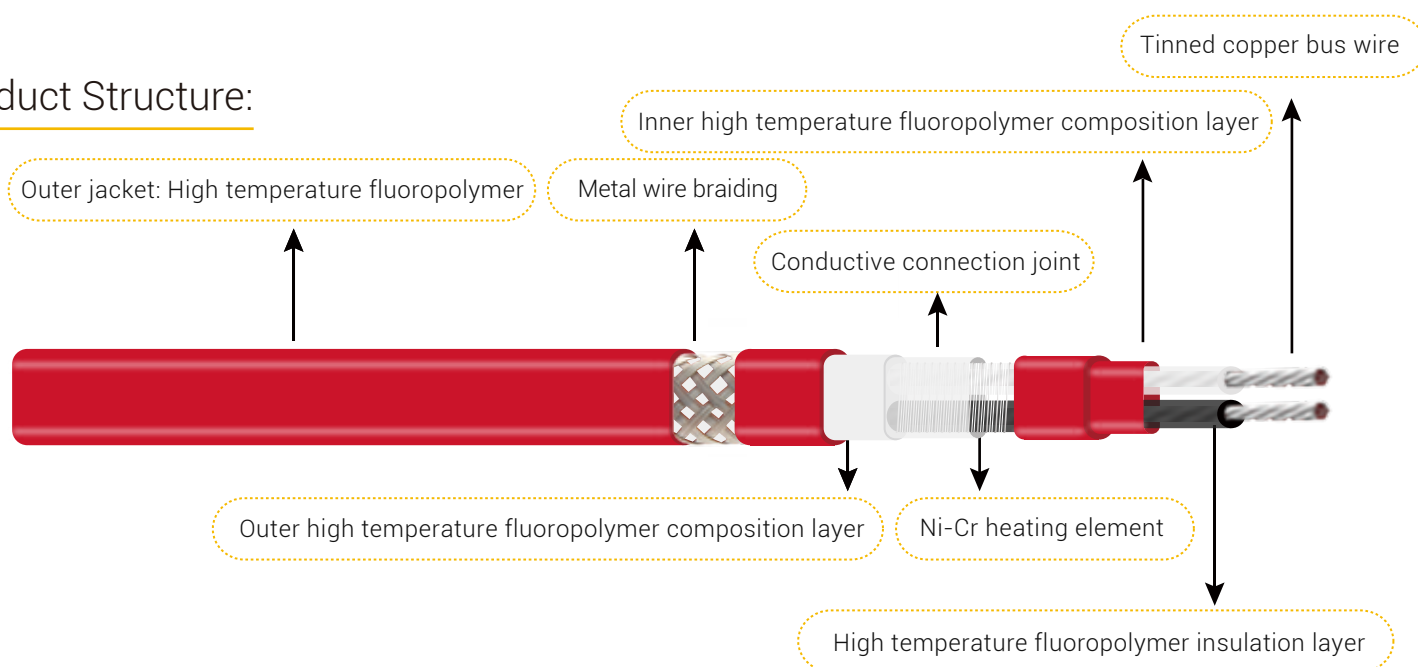


## FCW Parallel Constant Power heating cable

### Overview:

Jiahong FCW parallel constant power heating cable are widely used for heat tracing for industry pipeline & vessel, also suitable the freeze protection and temperature maintaince application which require the stable power output (up to 40W/m) and high exposure temperature (up to 205°C). The stable power output will keep low start-up current to prevent the current impluse to power system.

### Product Structure:



The main heating element for FCW heating cable is Ni-Cr heating conductor as above, which are connected to the bus wire sequentially via conductive connection joint as fixed length, this type of structure is to keep the stable power output consistently. Parallel conduct, core tape, and relative fluoropolymer insulation layer/ composition layer are added to metal wire braiding and the outer fluoropolymer jacket form a complete structure of FCW heating cable.

### Product Feature:

- ◆ FCW heating cable is certified by IECEx, ATEX, NEPSI(China) and EAC(Russia), including explosion-proof application, which can be used in the explosion area and ordinary safety area.
- ◆ It is allowed to cut arbitrarily within the interval specified by the maximum circuit length and connect with compliance accessories.
- ◆ It has a complete series of accessory, including standard power box, splice/tee connection box and end seal box etc, which can ensure the long service life of the product



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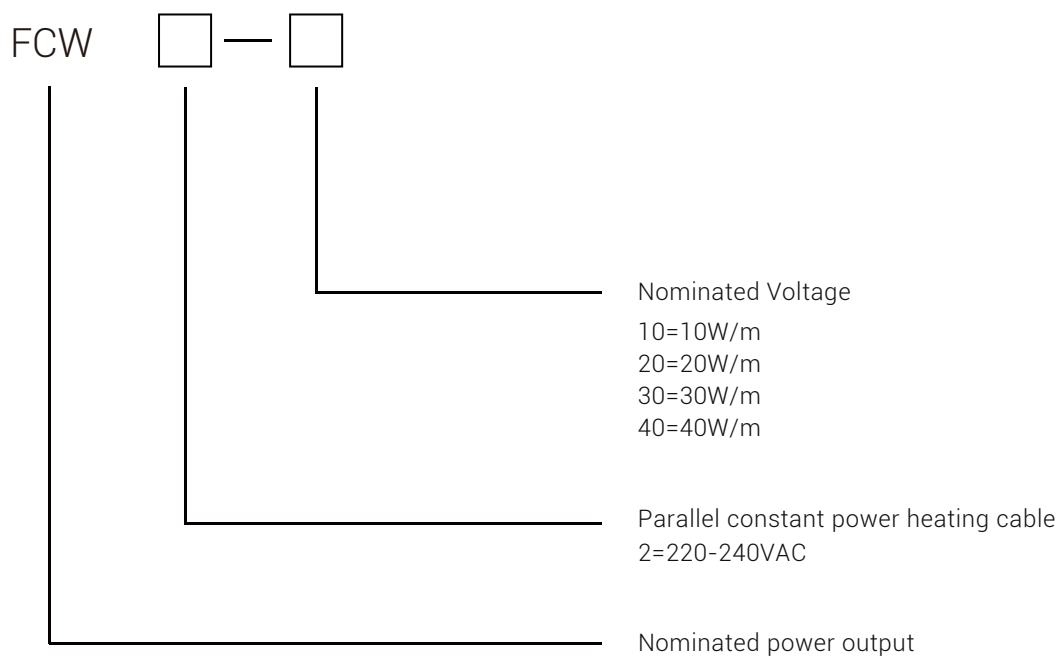


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## Technical Specification:

Nominated Voltage	230V (FCW2)
Maximum exposure temperature	+205°C (401°F)
Minimum installation temperature:	-60°C (-76°F)
Minimum bending radius:	30mm
Nominated power output:	10W/m, 20W/m, 30W/m, 40W/m
Dimension:	9mm (W) ×6mm (T)
Approvals mark:	    



Description				
Type	Power output	Rated Voltage	Maximum Circuit Length	Maximum exposure temperature(°C)
FCW-10	10	230	210	205
FCW-20	20	230	180	205
FCW-30	30	230	150	205
FCW-40	40	230	140	205



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