

HEAT TRACING SOLUTIONS

Cable Construction



A. Tinned Copper Stranded Wire **B.** FEP Insulation Layer **C.** Ni-Cr Alloy Wire **D.** PEP Insulation Layer **E.** Tinned Copper Metal Braid **F.** Outer Jacket

Parallel constant wattage heating cable

Constant wattage heating cables offer flexibility in use and can easily be cut to the required length. The installation of these heating cables is highly cost efficient with any kind of heat tracing application thanks to the single end power input. Power output is relatively unchanged by variations in circuit length up to 210m single phase and 330m three phase. These cables are designed specifically for freeze protection or process temperature maintenance of piping, tanks and equipment.

Reference	Rated Power (W/m)	Max Usage Length (m)	Max Maintenance Temperature (°C)	Sheath Colour
10HCW2-PF	10	210	150°C	Black
20HCW2-PF	20	180	120°C	Red
30HCW2-PF	30	150	90°C	Blue
40HCW2-PF	40	140	65°C	Orange

Technical Data

Rated Voltage: 220 – 240V
 Normality Insulation Resistance: $\geq 20M$ ohm
 Dielectric Strength: 2000V 50Hz/1 min
 Insulation Material: FEP
 Max Exposure Temperature: 205°C
 Protection Level: IP54
 Size: 6.3x9.5mm
 Zone Length: 1.00m
 Approvals: CE, GOST

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HCW3 Three phase constant wattage heating cable

Power output from long line three phase constant wattage cable remains reasonably constant along it's full circuit length. Extended circuit lengths to 330m from a single supply and 660m from a central supply. The cables are specifically designed for freeze protection of large diameter lines and high temperature process maintenance of pipes and tanks.

Part Number	Rated Power (W/m)	Max Usage Length (m)	Max Maintenance Temperature (°C)	Sheath Colour
30HCW3-PF	30	330	120°C	Blue
40HCW3-PF	40	280	110°C	Orange
50HCW3-PF	50	275	80°C	Red
60HCW3-PF	60	250	60°C	Black

Technical Data

Rated Voltage: 380 – 415V
 Normality Insulation Resistance: $\geq 20M$ ohm
 Dielectric Strength: 2000V 50Hz/1 min
 Insulation Material: FEP
 Max Exposure Temperature: 205°C
 Protection Level: IP54
 Size: 6.3x12mm
 Zone Length: 1.0mm
 Approvals: CE, GOST