

**Model: 35DWK-PF      220V      35W/m**

1. Standard color: red
2. Voltage: 220V
3. Nominal power(w/m at 10°C): 35W/m
4. Max. Working temp.  $65 \pm 5^{\circ}\text{C}$  (221°F)

Max. Exposure temp.  $85^{\circ}\text{C}$

Max. Enduring temp.:  $205^{\circ}\text{C}$

5. Minimum installation temp.:  $-40^{\circ}\text{C}$
6. Start-up current (  $10^{\circ}\text{C}$  ):  $<0.6\text{A/m}$
7. Minimum bend radius: At  $20^{\circ}\text{C}$ : 25.4mm, At  $-30^{\circ}\text{C}$ : 35.0mm
8. Insulation resistance: if cable length is 100m and thermostatic water is  $75^{\circ}\text{C}$ , testing insulation resistance is  $20\text{M}\Omega$  at least. As for shielding or explosive-proof & protective type, test for 1 min between shielding layer and conductive wire core in 2,500 VDC in  $20^{\circ}\text{C}$ , insulation resistance is  $1200\text{M}\Omega$  at least.

### **Structure:**

1. Copper-core wire:  $7*0.42\text{mm}$  ( $=0.97\text{mm}^2$ )
2. Conductive plastic layer: (the heating element)
3. Insulation layer: modified polyolefin
4. Shielding layer: metal braid, covering density: more than 80%
5. Outer jacket: modified polyolefin