

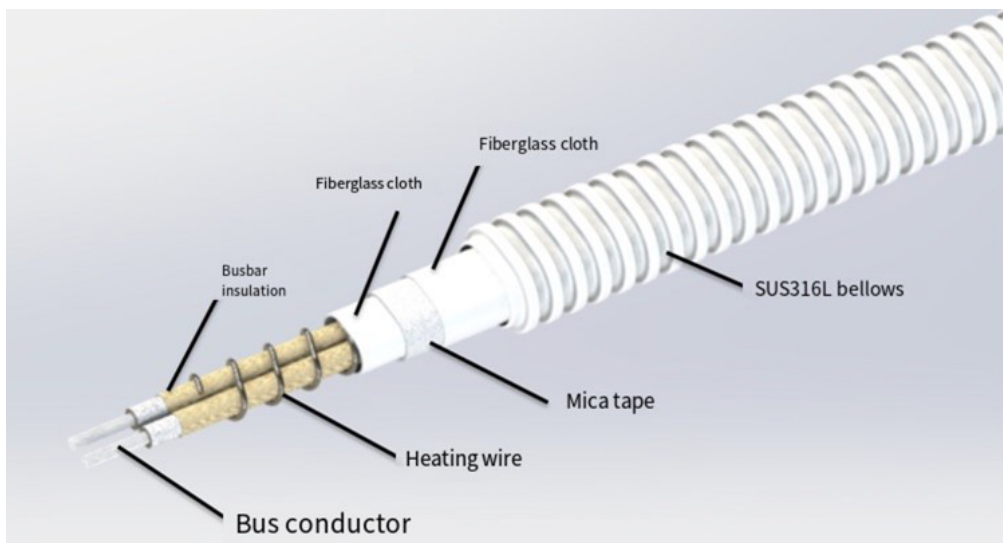


BWG parallel constant power heating cable

Overview:

BWG parallel constant power heating cable, widely used in industrial pipelines and related equipment heat tracing needs, for stable high power output and high exposure temperature requirements of antifreeze protection and temperature maintenance applications, is a very good choice.

BWG parallel constant power heating cable can provide a maximum output power of 100W/m and withstand temperature of up to 450℃ in case of steam purge or power failure; The stable heating power also determines that the BWG electric tracing zone can maintain a low starting current, and will not have an excessive impact on the entire power system.



The main heating element inside the parallel constant power electric tracing belt of BWG is actually the heating conductor wound on two parallel bus bars. The heating conductor is wound on two parallel bus bars respectively with a fixed length of heating section to form a connection point, ensuring the same heating power of each heating section and forming a heating effect of constant power. The parallel bus itself, between the parallel bus and the outside of the heating conductor have inorganic insulation layer or combination layer for insulation treatment, and then the external armored bellows outer sheath as protection, forming a complete product structure.

Product Feature:

- ◆ It can be used in explosion-proof areas and safe areas as specified in the certification.
- ◆ With a full set of matching accessories, you can ensure a longer service life of the product through a standardized power connection and tail packaging.






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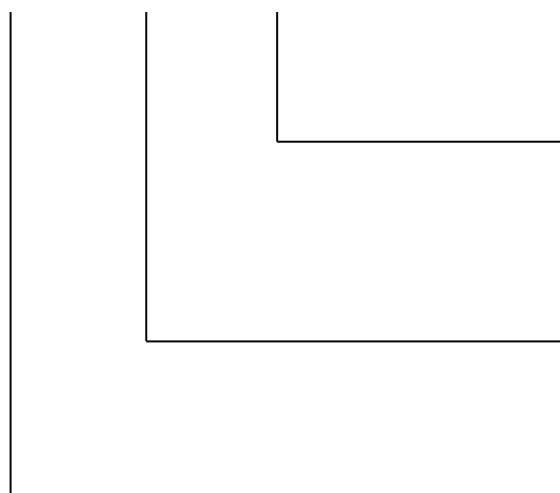




Technical specifications:

Nominated Voltage:	220V~380V
Maximum maintaince temperature	380℃
Maximum continuous exposure temperature:	+450℃ (842 ℉)
Minimum installation temperature:	-60℃ (-76 ℉)
Minimum bending radius:	25mm
Dimension:	15.5mm(W)×12.3mm(T)
Approvals mark:	  

☐ BWG — ☐



Nominal power
20=20W/m;
30=30W/m;
40=40W/m;
..... and so on
100=100W/m

Parallel bellows constant
power heating cable

Adaptable voltage
2=220-240VAC
3=380VAC



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specification:

Type number	Voltage 220V output power (W/m)	Maximum length (m)	20°C Meter resistance (Ω)	Maintenance temperature (°C)	Maximum exposure temperature (°C)	Node color (a segment of color)
2BWG20	20	170	2420	380	450	blueness
2BWG30	30	115	1620	360	450	purple
2BWG40	40	100	1210	340	450	brown
2BWG50	50	80	970	320	450	green
2BWG60	60	65	807	300	450	black
2BWG70	70	55	690	280	450	blue
2BWG80	80	50	605	270	450	yellow
2BWG90	90	45	535	250	450	gray
2BWG100	100	40	485	230	450	red

Type number	Voltage 220V output power(W/m)	Maximum length (m)	20°C Meter resistance (Ω)	Maintenance temperature(°C)	Maximum exposure temperature (°C)	Node color (two -segment of color)
3BWG20	20	270	7250	380	450	Blueness- blueness
3BWG30	30	190	4810	360	450	Purple- purple
3BWG40	40	140	3620	340	450	Brown - brown
3BWG50	50	125	2890	320	450	Green - green
3BWG60	60	115	2405	300	450	Black-black
3BWG70	70	95	2065	280	450	Blue-blue
3BWG80	80	80	1810	270	450	Yellow-yellow
3BWG90	90	75	1600	250	450	Gray-gray
3BWG100	100	62	1440	230	450	Red-red

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