

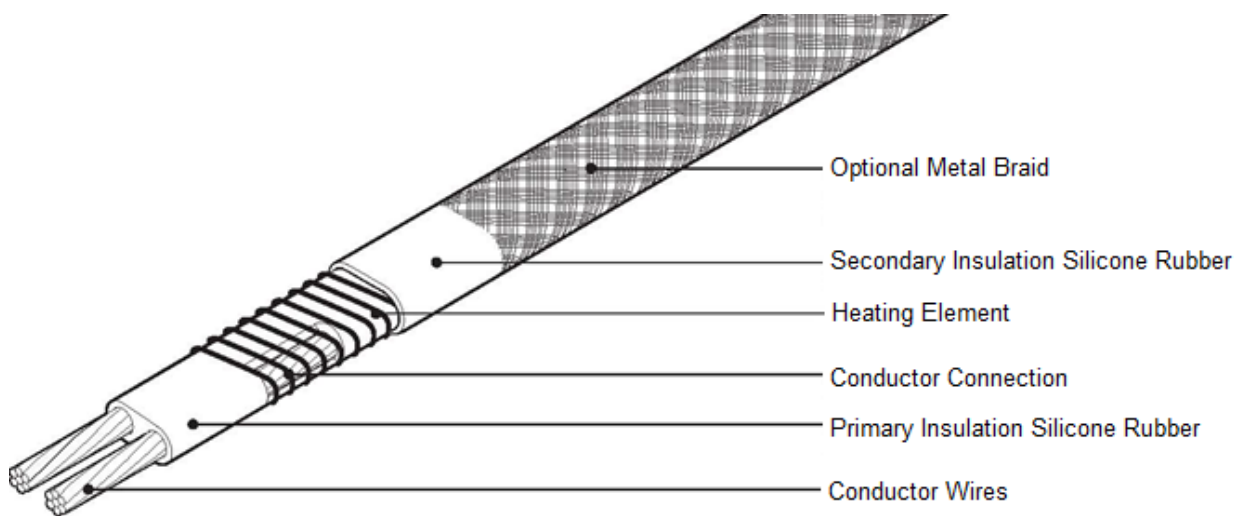
## Constant Wattage Parallel Circuit Heating Cable (for ordinary area use)

FG200 is a parallel circuit, medium wattage, constant power heating cable that can be cut to length to fit the application parameters. It is designed to operate in a variety of process applications in non-chemically aggressive environments where versatile flexibility and at site

assembly is required. FG200 comprises out of twin electrical conductors insulated with highly flexible silicone rubber as primary insulation. The heating element is spiraled around the primary insulation and connected to the conductor at pre-defined zone

lengths of 500mm. The secondary insulation is made out of flexible silicone rubber. For additional mechanical protection and electrical safety reasons the heating cable can be delivered with an optional metal braid.

### Heating Cable Construction

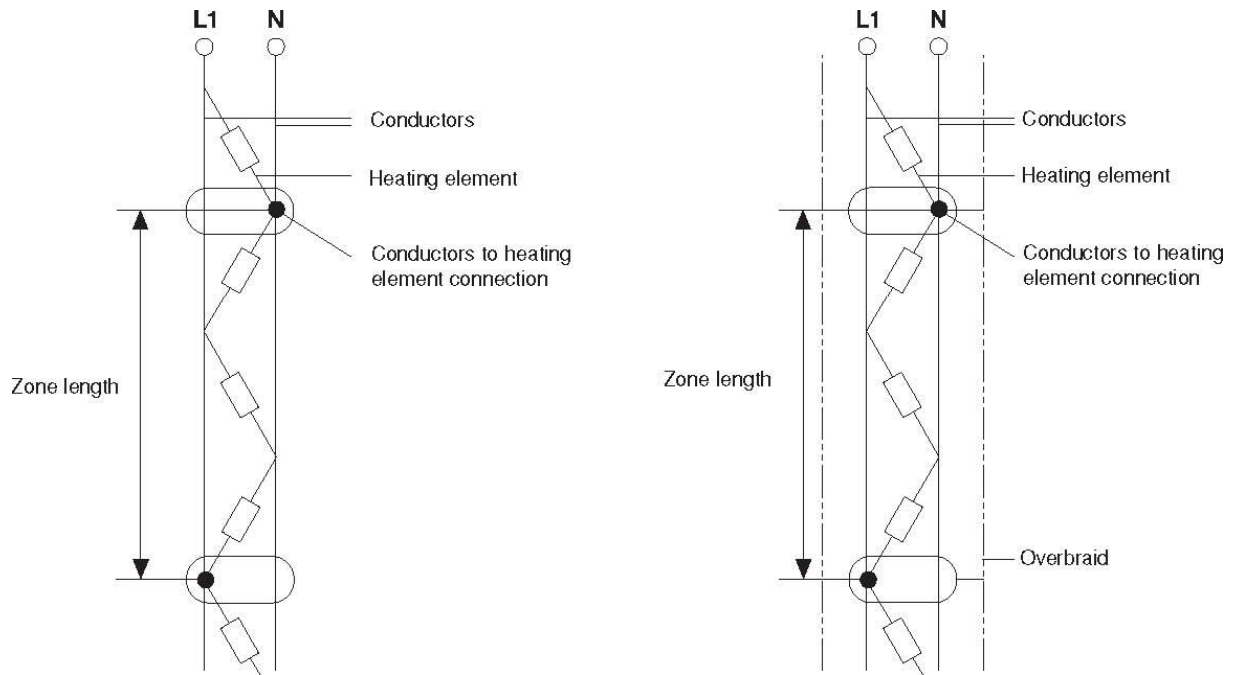


### Technical Details

Cable Specification	10 W/m	20 W/m	30 W/m	40 W/m
Size unbraided cable	6.5 x 4.5 mm	6.5 x 4.5 mm	6.5 x 4.5 mm	6.5 x 4.5 mm
Size braided cable	6.8 x 4.8 mm	6.8 x 4.8 mm	6.8 x 4.8 mm	6.8 x 4.8 mm
Power Output at AC 230 V	10 W/m	20 W/m	30 W/m	40 W/m
Power Output at AC 110 V	10 W/m	20 W/m	30 W/m	40 W/m
Area Classification	Ordinary	Ordinary	Ordinary	Ordinary
Max. poss. Circuit Length AC 230 V	161 m	81 m	54 m	41 m
AC 110 V	77 m	39 m	26 m	20 m
Max. withstand temperature (de-energized)	180°C	180°C	180°C	180°C
Max. operating temperature (energized)	180°C	180°C	180°C	180°C
Min. Installation Temperature	-40°C	-40°C	-40°C	-40°C
Min. Bending Radius	25 mm	25 mm	25 mm	25 mm
Min. Spacing	20 mm	20 mm	20 mm	20 mm
Color of Outer sheath	Transparent White	Transparent White	Transparent White	Transparent White
Max. poss. Lead Length*	500 mm	500 mm	500 mm	500 mm

\*) without additional supply lead

## Wiring Diagram



## Ordering Details

Part Description unbraided cable AC 230 V	FG200-10W/M-230V	FG200-20W/M-230V	FG200-30W/M-230V	FG200-40W/M-230V
<b>Part Number</b>	<b>1235-03670210</b>	<b>1235-03670220</b>	<b>1235-03670230</b>	<b>1235-03670240</b>
Part Description unbraided cable AC 110 V	FG200-10W/M-110V	FG200-20W/M-110V	FG200-30W/M-110V	FG200-40W/M-110V
<b>Part Number</b>	<b>1235-03670110</b>	<b>1235-03670120</b>	<b>1235-03670130</b>	<b>1235-03670140</b>
Part Description braided cable AC 230 V	FG200B-10W/M-230V	FG200B-20W/M-230V	FG200B-30W/M-230V	FG200B-40W/M-230V
<b>Part Number</b>	<b>1235-03680210</b>	<b>1235-03680220</b>	<b>1235-03680230</b>	<b>1235-03680240</b>
Part Description braided cable AC 110 V	FG200B-10W/M-110V	FG200B-20W/M-110V	FG200B-30W/M-110V	FG200B-40W/M-110V
<b>Part Number</b>	<b>1235-03680110</b>	<b>1235-03680120</b>	<b>1235-03680130</b>	<b>1235-03680140</b>

## Accessories

Part Description Connection Kit	FG200- CONNECTION-KIT	Part Description Supply Lead	LTG/SI/2x0.75MM <sup>2</sup> /RDBN	Silicone rubber lead w/o ground wire
<b>Part Number</b>	<b>1235-03681000</b>	<b>Part Number</b>	<b>1235-34702401</b>	
		Part Description Supply Lead	LTG/SI/3G0.75MM <sup>2</sup> /RDBN	Silicone rubber lead with ground wire
		<b>Part Number</b>	<b>1235-34704307</b>	

We recommend the use of a 30mA residual current breaker device to provide maximum safety and protection from fire. If there is a marked increase in nuisance tripping, a maximum 300mA residual current breaker device may be used. In case of doubt please contact us.