



250 °C GLASS BRAID AND MICA HEAT-RESISTANT CABLE

BS 3G 210 reference

11 orderable sizes

STANDARD BS 3G 210 reference	VOLTAGE CLASS 300/500 V	TEMPERATURE CLASS Up to +250 °C heat-resistant service
CONDUCTOR Nickel-plated copper conductor	INSULATION / JACKET Glass fibre braid covering	

Construction

- 1 **Conductor** – Nickel-plated copper conductor · 7 × Ø1.71 mm · IEC 60228 cl.2
- 2 **Insulation** – Mica glass tape insulation
- 3 **Shield** – Braid shield (C)
- 4 **Sheath** – Glass fibre braid covering

Size selection — all available cross-sections

Cable reference	Heat duty	Core design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide	Cable weight
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 0.5 mm²	Radiant heat and furnace-adjacent wiring	1 core	0.5 mm ²	300/500 V	37.1 Ω/km	6.6 mm	0.28 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 0.75 mm²	Radiant heat and furnace-adjacent wiring	1 core	0.75 mm ²	300/500 V	24.7 Ω/km	6.8 mm	0.28 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 1.0 mm²	Radiant heat and furnace-adjacent wiring	1 core	1.0 mm ²	300/500 V	18.5 Ω/km	7.0 mm	0.28 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 1.5 mm²	Radiant heat and furnace-adjacent wiring	1 core	1.5 mm ²	300/500 V	12.7 Ω/km	7.3 mm	0.29 kg/m

Cable reference	Heat duty	Core design	Conductor size	Voltage class	Max DC resistance at 20 °C	OD guide	Cable weight
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 2.5 mm²	Radiant heat and furnace-adjacent wiring	1 core	2.5 mm ²	300/500 V	7.6 Ω/km	7.7 mm	0.30 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 4 mm²	Radiant heat and furnace-adjacent wiring	1 core	4 mm ²	300/500 V	4.7 Ω/km	8.3 mm	0.31 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 6 mm²	Radiant heat and furnace-adjacent wiring	1 core	6 mm ²	300/500 V	3.1 Ω/km	8.9 mm	0.34 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 10 mm²	Radiant heat and furnace-adjacent wiring	1 core	10 mm ²	300/500 V	1.83 Ω/km	9.9 mm	0.38 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 16 mm²	Radiant heat and furnace-adjacent wiring	1 core	16 mm ²	300/500 V	1.15 Ω/km	11.0 mm	0.45 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 25 mm²	Radiant heat and furnace-adjacent wiring	1 core	25 mm ²	300/500 V	0.727 Ω/km	12.4 mm	0.54 kg/m
Intemp 250 300/500 V Radiant heat and furnace-adjacent wiring 1 core 35 mm²	Radiant heat and furnace-adjacent wiring	1 core	35 mm ²	300/500 V	0.524 Ω/km	13.6 mm	0.65 kg/m