CG Single Pair Fibreglass (up to +400°C)

Suitable for use in high temperature applications such as ovens, kilns and furnaces.

- Temperature rated up to +400°C
- Available in Thermocouple Extension Grades KX, JX, TX, NX, EX
- Available in Thermocouple Compensating Grade RCA
- Colour coded to IEC 60584.3 (BS EN 60584.3). ANSI MC96.1 colours available on request

example order code	
Code / Conductor	Length
CG42KX	- 100mtr

Flat Twin

One pair of solid or stranded conductors. Each conductor is double glass fibre lapped and silicone varnished. The pair is laid flat, glass fibre braided and silicone varnished.

cable type	conductor size	dimensions (approximate)	profile	KX	KCB	JX	TX	NX	EX	RCA	order code
Fibreglass Flat Twin	1/0.315mm dia. (0.08mm²)	1mm x 2mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG12
	1/0.5mm dia. (0.20mm²)	2mm x 3mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG22 *
	7/0.2mm dia. (0.22mm²)	2mm x 3mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG32
	13/0.2mm dia. (0.44mm²)	2mm x 3mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG42
	23/0.2mm dia. (0.75mm²)	3mm x 4mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG52
	32/0.2mm dia. (1.0mm²)	3mm x 4mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG62

Flat Twin, Stainless Steel Braided

* Type CX also available for CG22 cable. Contact sales for further information.

One pair of solid or stranded conductors. Each conductor is double glass fibre lapped and silicone varnished. The pair is laid flat, glass fibre braided & silicone varnished. Stainless steel wire over-braided.

cable type	conductor size	dimensions (approximate)	profile	KX	KCB	JX	TX	NX	EX	RCA	order code
Fibreglass Flat Twin, St./St. Braided	1/0.5mm dia. (0.20mm²)	3mm x 4mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG29
	7/0.2mm dia. (0.22mm²)	3mm x 4mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG39
	13/0.2mm dia. (0.44mm²)	3mm x 4mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG49
	23/0.2mm dia. (0.75mm²)	4mm x 5mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG59
	32/0.2mm dia. (1.0mm²)	4mm x 5mm	Oval	✓	✗	✓	✓	✓	✓	✓	CG69

CGH Single Pair High Temperature Fibreglass (up to +800°C)

- Temperature rated up to +800°C
- Available in Thermocouple Extension Grades KX, JX, NX
- Colour coded to IEC 60584.3 (BS EN 60584.3). ANSI MC96.1 colours available on request

One pair of solid conductors. Each conductor is double high temperature glass fibre lapped, then high temperature glass fibre braided and silicone varnished. The pair is laid flat then high temperature glass fibre braided overall and silicone varnished.

Note: colour coding on conductor may be a coloured trace

cable type	conductor size	dimensions (approximate)	profile	KX	KCB	JX	TX	NX	EX	RCA	order code
High Temperature Fibreglass	1/0.8mm dia. (0.5mm²)	2mm x 3mm	Oval	✓	✗	✓	✗	✓	✗	✗	CGH22
	1/1.29mm dia. (1.3mm²)	4mm x 5mm	Oval	✓	✗	✓	✗	✓	✗	✗	CGH25

CGS Single Pair High Temperature Vitreous Silica Braided (up to +1000°C)

Single pair of solid conductors. Each conductor is Vitreous Silica braided, the pair is laid flat and Vitreous Silica braided overall. The negative leg colour is coded red for identification. Temperature rated up to +1000ºC (+1100ºC single exposure). Available in Thermocouple Extension Grades KX, NX, EX.

CGC Single Pair High Temperature Ceramic Fibre (up to +1200°C)

Single pair of solid conductors. Each conductor is Ceramic fibre braided, the pair is laid flat and Ceramic fibre braided overall. Supplied white without saturants or coloured tracers. Temperature rated up to +1200ºC (+1316ºC single exposure). Available in Thermocouple Extension Grades, KX, NX, EX.

cable type	conductor size	dimensions (approximate)	profile	KX	KCB	JX	TX	NX	EX	RCA	order code
High Temperature Vitreous Silica Braided	1/0.8mm dia. (0.5mm²)	2.3mm x 3.9mm	Oval	✓	✗	✗	✗	✓	✓	✗	CGS08
	1/1.29mm dia. (1.3mm²)	2.8mm x 4.9mm	Oval	✓	✗	✗	✗	✓	✓	✗	CGS13
High Temperature Ceramic Fibre	1/0.8mm dia. (0.5mm²)	2.3mm x 3.9mm	Oval	✓	✗	✗	✗	✓	✓	✗	CGC08
	1/1.29mm dia. (1.3mm²)	2.8mm x 4.9mm	Oval	✓	✗	✗	✗	✓	✓	✗	CGC13