

## CSM/CTM/CGM Multi Pair High Temperature

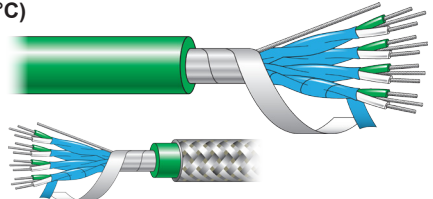
We offer a range of high temperature rated cables for applications requiring multiple thermocouple signals to be carried through high temperature environments.

- Silicone Rubber: -40°C to +200°C, PFA: -75°C to +260°C, Fibreglass: up to +480°C
- Available in Thermocouple Extension Grades KX, JX, TX, NX, EX
- Available in Thermocouple Compensating Grades KCB, RCA
- Colour coded to IEC 60584.3 (BS EN 60584.3). ANSI MC96.1 colours available on request

example order code	
Code / Conductor	Length
CTM02KX	- 100mtr

## Multi Pair Silicone Rubber Insulated (-40°C to +200°C)

Multi pairs of stranded 16/0.2mm (0.5mm<sup>2</sup>) conductors, silicone rubber insulated. The cores are twisted to form a pair, numbered and individually screened with an aluminium bonded polyester tape, in contact throughout with a bare copper 7/0.3mm diameter drain wire. The pairs are twisted together then screened overall with an aluminium bonded polyester tape, in contact throughout with a bare tinned copper 7/0.3mm diameter drain wire. Silicone rubber sheathed. Available with or without a stainless steel wire braid. Temperature rated -40°C to +200°C.

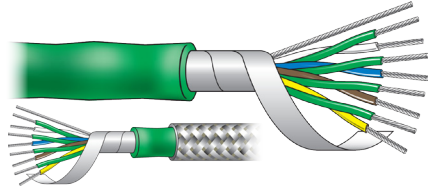


cable type	conductor size	no. of pairs	dimensions (approximate)	profile	conductor type / colour code							order code
					KX	KCB	JX	TX	NX	EX	RCA	
Multi Pair Silicone Rubber Insulated (-40°C to +200°C)	16/0.2mm dia. (0.5mm <sup>2</sup> )	2	9.0mm	Round	✓	✓	✓	✓	✓	✓	✓	CSM02
		4	10.4mm	Round	✓	✓	✓	✓	✓	✓	✓	CSM04
		6	12.8mm	Round	✓	✓	✓	✓	✓	✓	✓	CSM06
Multi Pair Silicone Rubber Insulated, Screened (-40°C to +200°C)	16/0.2mm dia. (0.5mm <sup>2</sup> )	2	9.9mm	Round	✓	✓	✓	✓	✓	✓	✓	CSM02x/SSB
		4	11.3mm	Round	✓	✓	✓	✓	✓	✓	✓	CSM04x/SSB
		6	13.7mm	Round	✓	✓	✓	✓	✓	✓	✓	CSM06x/SSB

x = conductor type (e.g. CSM02KX/SSB)

## Multi Pair PFA Insulated (-75°C to +260°C)

Multi pairs of stranded 7/0.2mm (0.22mm<sup>2</sup>) conductors. Each conductor is PFA insulated and twisted to form a pair. The pairs are twisted together, then collectively screened with an aluminium bonded polyester tape, in contact throughout with a bare 7/0.2mm diameter copper drain wire. PFA sheathed overall. Each pair is individually colour coded for easy identification. Available with or without a stainless steel wire braid. Temperature rated -75°C to +260°C.



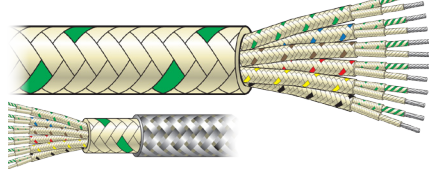
cable type	conductor size	no. of pairs	dimensions (approximate)	profile	conductor type / colour code							order code
					KX	KCB	JX	TX	NX	EX	RCA	
Multi Pair PFA Insulated (-75°C to +260°C)	7/0.2mm dia. (0.22mm <sup>2</sup> )	2	5.4mm	Round*	✓	x	✓	✓	✓	✓	✓	CTM02
		4	6.1mm	Round*	✓	x	✓	✓	✓	✓	✓	CTM04
		6	7.4mm	Round*	✓	x	✓	✓	✓	✓	✓	CTM06
Multi Pair PFA Insulated, Screened (-75°C to +260°C)	7/0.2mm dia. (0.22mm <sup>2</sup> )	2	6.3mm	Round*	✓	x	✓	✓	✓	✓	✓	CTM02x/SSB
		4	7.0mm	Round*	✓	x	✓	✓	✓	✓	✓	CTM04x/SSB
		6	8.3mm	Round*	✓	x	✓	✓	✓	✓	✓	CTM06x/SSB

\* due to the cable construction, the profile may not be perfectly round

x = conductor type (e.g. CTM02KX/SSB)

## Multi Pair Fibreglass Insulated (up to +480°C)

Multi pairs of stranded 16/0.2mm (0.5mm<sup>2</sup>) conductors. Each conductor is double glass fibre lapped and silicone varnished, then fibreglass braided and silicone varnished. The cores are twisted to form a pair, Fibreglass braided overall and silicone varnished. Each pair is individually colour coded for easy identification. Available with or without a stainless steel wire braid. Temperature rated up to +480°C.



cable type	conductor size	no. of pairs	dimensions (approximate)	profile	conductor type / colour code							order code
					KX	KCB	JX	TX	NX	EX	RCA	
Multi Pair Fibreglass Insulated (up to +480°C)	16/0.2mm dia. (0.5mm <sup>2</sup> )	2	9.8mm	Round*	✓	x	✓	✓	✓	✓	✓	CGM02
		4	10.8mm	Round*	✓	x	✓	✓	✓	✓	✓	CGM04
		6	13.0mm	Round*	✓	x	✓	✓	✓	✓	✓	CGM06
Multi Pair Fibreglass Insulated, Screened (up to +480°C)	16/0.2mm dia. (0.5mm <sup>2</sup> )	2	10.7mm	Round*	✓	x	✓	✓	✓	✓	✓	CGM02x/SSB
		4	11.7mm	Round*	✓	x	✓	✓	✓	✓	✓	CGM04x/SSB
		6	13.9mm	Round*	✓	x	✓	✓	✓	✓	✓	CGM06x/SSB

\* due to the cable construction, the profile may not be perfectly round

x = conductor type (e.g. CGM02KX/SSB)