PFA Insulated Thermocouple Cables - Single and Multipairs



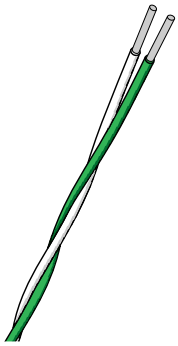
A range of PFA insulated Single and Multipair Thermocouple Cables available from stock for immediate delivery

TC Measurement & Control AB

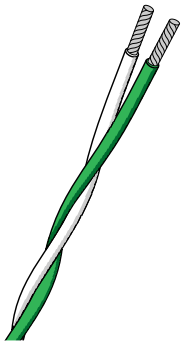
PFA / PTFE Insulated Single Pair Thermocouple Cable

PFA Insulated Twisted Pair / PFA Insulated Bonded 'Bell Wire' / PTFE 'Single Shot' -75°C to +250°C

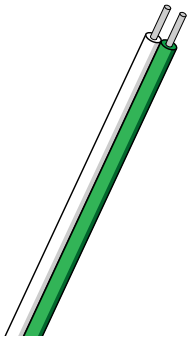
- PFA is ideal for higher temperature applications up to 250°C. It is also excellent for cryogenic temperatures down to -75°C
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA cables are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- Twisted pair construction with either solid or stranded conductors in a range of sizes. Ideal for making simple thermocouples
- Bonded 'bell wire' for autoclave applications



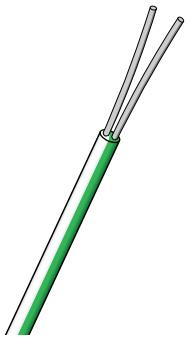
PFA Twisted Pair
One pair of **solid** conductors PFA insulated. Pair twisted.



PFA Twisted Pair
One pair of **stranded** conductors PFA insulated. Pair twisted.



PFA Bonded 'Bell Wire'
One pair of **solid** conductors PFA insulated, laid flat and bonded together. Oval construction.



PTFE 'Single Shot'
One pair of **solid** conductors. Pair laid flat and PTFE sheathed. **Round** or **Oval** construction.

	Stock Number	B10	B11	B12	B53	B54	B16	B13 ROUND	B15 OVAL
CONDUCTORS	Conductor Style	Solid			Stranded		Solid	Solid	
	No. of Strands / Strand Diameter (mm)	1/0.2	1/0.3	1/0.5	7/0.15	7/0.2	1/0.5	1/0.376	1/0.376
	Total Area (mm^2)	0.03	0.07	0.2	0.124	0.22	0.2	0.11	0.11
	Total AWG (S = Stranded)	32	28	24	26S	24S	24	27	27
	Insulation	PFA			PFA		PFA	PTFE	
PAIRS	Number of Pairs	1			1		1	1	
	Laid Flat or Twisted	Twisted			Twisted		Laid Flat	Laid Flat	
	Screen	No			No		No	No	
OVERALL	Insulation	—			—		—	—	
	Insulation Rating (°C) Continuous	-75 to +250			-75 to +250		-75 to +250	-75 to +250	
	Insulation Rating (°C) Short Term	+300			+300		+300	+300	
	Colour Coding	Yes			Yes		Yes	Yes	
	Physical Properties: Abrasion Resistance	Good			Good		Good	Good	
	Physical Properties: Moisture Resistance	Very Good			Very Good		Very Good	Very Good	
	Typical Weight (Kg/100m) (excluding reel)	1	1	1	1	1	1	1	1
	Diameter under Armour (mm)	—				—	—	—	
	Diameter over Armour (mm)	—				—	—	—	
	Overall Diameter† (mm)	2.0	2.0	2.0	1.5	3.0	0.95x1.95	2.3	1.5x2.6
	Notes	Rejects electromagnetic interference.			Rejects electromagnetic interference. Gas, steam and water tight insulation.		Gas, steam and water tight insulation. Oval cable with bonded construction. Ideal for use in autoclaves.	Gas, steam and water tight insulation. Single shot construction. Ideal for use in autoclaves.	

† These values are nominal and if critical to your application, please request a physical check.

The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.		Thermocouple Type		Colour Code
B10	-	KX	-	IEC

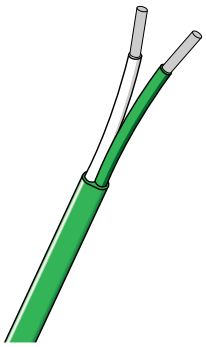
These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

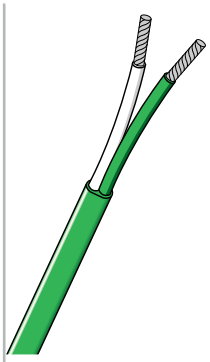
PFA Insulated Single Pair Thermocouple Cable

PFA Insulated Flat Twin Cables -75°C to +250°C

- PFA is ideal for higher temperature applications up to 250°C. It is also excellent for cryogenic temperatures down to -75°C
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA cables are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- Flat twin construction with either solid or stranded conductors in a range of sizes. Ideal for general purpose applications
- For PFA Multipairs see page 8



PFA Flat Twin
One pair of **solid** conductors. Cores PFA insulated. Pair laid flat. PFA sheathed overall.



PFA Flat Twin
One pair of **stranded** conductors. Cores PFA insulated. Pair laid flat. PFA sheathed overall.

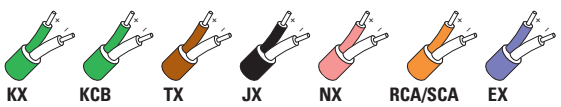
	Stock Number	B04	B05	B19	B23	B22	B20	B30	B50	B60
CONDUCTORS	Conductor Style	Solid							Stranded	
	No. of Strands / Strand Diameter (mm)	1/0.076	1/0.15	1/0.376	1/0.2	1/0.3	1/0.5	1/0.8	7/0.2	13/0.2
	Total Area (mm^2)	0.005	0.018	0.111	0.03	0.07	0.2	0.5	0.22	0.44
	Total AWG (S = Stranded)	41	34	27	32	28	24	20	24S	21S
	Insulation	PFA							PFA	
PAIRS	Number of Pairs	1							1	
	Laid Flat or Twisted	Laid Flat							Laid Flat	
	Screen	No							No	
OVERALL	Insulation	PFA							PFA	
	Insulation Rating (°C) Continuous	-75 to +250							-75 to +250	
	Insulation Rating (°C) Short Term	+300							+300	
	Colour Coding	Yes							Yes	
	Physical Properties: Abrasion Resistance	Good							Good	
	Physical Properties: Moisture Resistance	Very Good							Very Good	
	Physical Properties: Typical Weight (Kg/100m) (excluding reel)	0.05	<1	1	0.4	.5	1	2	1	2
	Diameter under Armour (mm)	—							—	
	Diameter over Armour (mm)	—							—	
	Overall Diameter† (mm)	0.5x0.7	0.5x0.8	2x2	1x1	2x1	2x3	3x4	2x3	2x3
	Notes	Oval section. Gas, steam and water tight insulation.							Oval section. Gas, steam and water tight insulation.	

† These values are nominal and if critical to your application, please request a physical check.

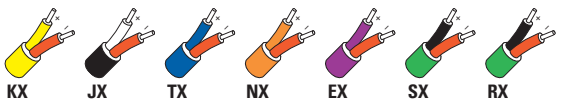
The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.		Thermocouple Type		Colour Code
B50	-	KX	-	IEC

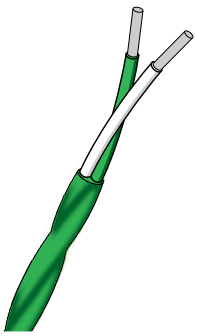
These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

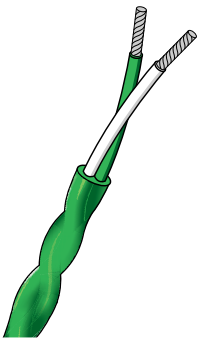
PFA Insulated Single Pair Thermocouple Cable

PFA Insulated Twisted and Sheathed Cables -75°C to +250°C

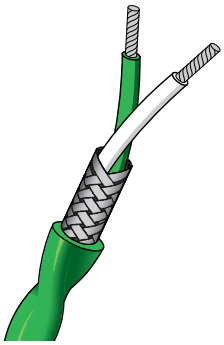
- PFA is ideal for higher temperature applications up to 250°C. It is also excellent for cryogenic temperatures down to -75°C
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA cables are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- Twisted construction with overall PFA sheath
- For PFA Multipairs see page 8



PFA Twisted
One pair of **solid** conductors PFA insulated. Pair twisted and PFA sheathed.



PFA Twisted
One pair of **stranded** conductors PFA insulated. Pair twisted and PFA sheathed.



PFA Twisted with Nickel Plated Copper Braid
One pair of **stranded** conductors PFA insulated. Pair twisted with overall nickel plated copper braid and PFA sheathed.

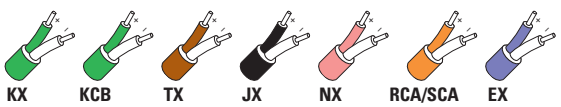
	Stock Number		**B25**	**B35**	**B55**	**B65**	**B40**
CONDUCTORS	**Conductor Style**		**Solid**		**Stranded**		**Stranded**
	No. of Strands / Strand Diameter (mm)		**1/0.5**	**1/0.8**	**7/0.2**	**13/0.2**	**7/0.2**
	Total Area (mm²)		0.2	0.5	0.22	0.44	0.22
	Total AWG (S = Stranded)		24	20	24S	21S	24S
	Insulation		PFA		PFA		PFA
PAIRS	**Number of Pairs**		1		1		1
	Laid Flat or Twisted		Twisted		Twisted		Twisted
	Screen*		No		No		Yes
OVERALL	**Insulation**		PFA		PFA		PFA
	Insulation Rating (°C)	**Continuous**	-75 to +250		-75 to +250		-75 to +250
		Short Term	+300		+300		+300
	Colour Coding		Yes		Yes		Yes
	Physical Properties	**Abrasion Resistance**	Good		Good		Good
		Moisture Resistance	Very Good		Very Good		Very Good
		Typical Weight (Kg/100m) (excluding reel)	1	3	3	3	3
	Diameter under Armour (mm)		—		—	—	—
	Diameter over Armour (mm)		—		—	—	—
	Overall Diameter† (mm)		3.0	3.0	3.0	3.0	3.0
	Notes		Round section (pair lay visible through sheath). Rejects electromagnetic interference. Gas, steam and water tight insulation.		Round section (pair lay visible through sheath). Rejects electromagnetic interference. Gas, steam and water tight insulation.		Round section (pair lay visible through sheath). Rejects electromagnetic interference. Gas, steam and water tight insulation.

* Where cables incorporate a metal braid, the braid can be used as a screen.
† These values are nominal and if critical to your application, please request a physical check.

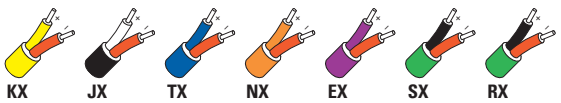
The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.		Thermocouple Type		Colour Code
B25	-	**KX**	-	**IEC**

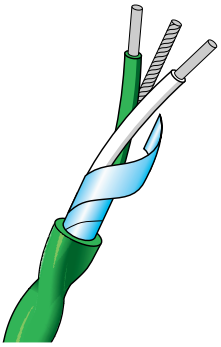
These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

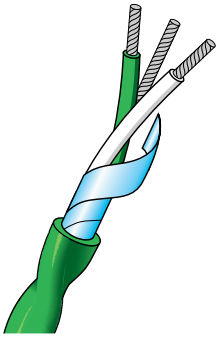
PFA Insulated Single Pair Thermocouple Cable

PFA Insulated Twisted Pair with Screen -75°C to +250°C

- PFA is ideal for higher temperature applications up to 250°C. It is also excellent for cryogenic temperatures down to -75°C
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA cables are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- Twisted construction with overall PFA sheath
- For PFA Multipairs see page 8



PFA Twisted Pair with Screen
One pair of **solid** conductors. Cores PFA insulated. Pair twisted, screened with Mylar aluminium tape and drain wire. PFA sheathed overall.



PFA Twisted Pair with Screen
One pair of **stranded** conductors. Cores PFA insulated. Pair twisted, screened with Mylar aluminium tape and drain wire. PFA sheathed overall.

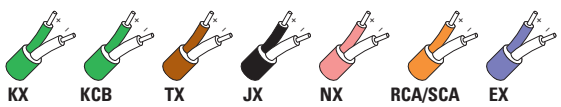
	Stock Number		**B70**	**B75**	**B80**	**B85**
CONDUCTORS	**Conductor Style**		**Solid**		**Stranded**	
	No. of Strands / Strand Diameter (mm)		**1/0.8**	**1/1.29**	**7/0.2**	**13/0.2**
	Total Area (mm²)		0.5	1.3	0.22	0.44
	Total AWG (S = Stranded)		20	16	24S	21S
	Insulation		PFA		PFA	
PAIRS	**Number of Pairs**		1		1	
	Laid Flat or Twisted		Twisted		Twisted	
	Screen*		Yes		Yes	
OVERALL	**Insulation**		PFA		PFA	
	Insulation Rating (°C)	**Continuous**	-75 to +250		-75 to +250	
		Short Term	+300		+300	
	Colour Coding		Yes		Yes	
	Physical Properties	**Abrasion Resistance**	Good		Good	
		Moisture Resistance	Very Good		Very Good	
		Typical Weight (Kg/100m) (excluding reel)	3	4	2	3
	Diameter under Armour (mm)		—		—	—
	Diameter over Armour (mm)		—		—	—
	Overall Diameter† (mm)		4.0	6.0	3.0	4.0
	Notes		Round section (pair lay visible through sheath). Rejects electromagnetic interference. Gas, steam and water tight insulation.		Round section (pair lay visible through sheath). Rejects electromagnetic interference. Gas, steam and water tight insulation.	

* Aluminised Mylar® tape in contact throughout by a bare 7/0.2mm diameter silver plated copper drainwire.
† These values are nominal and if critical to your application, please request a physical check.

The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.		Thermocouple Type		Colour Code
B70	-	**KX**	-	**IEC**

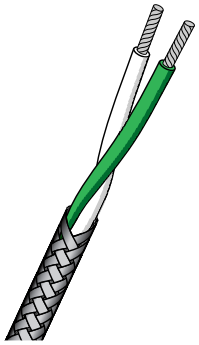
These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

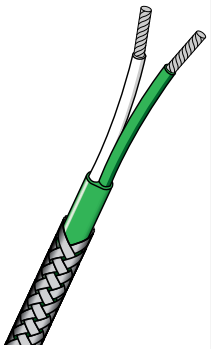
PFA Insulated Single Pair Thermocouple Cable

Stainless Steel Braided PFA Insulated Cables -75°C to +250°C

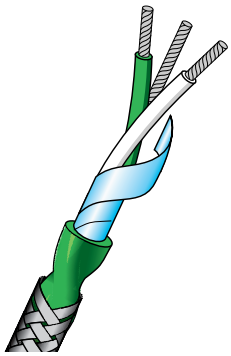
- PFA is ideal for higher temperature applications up to 250°C. It is also excellent for cryogenic temperatures down to -75°C
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA cables are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- A variety of constructions with a stainless steel braid for added mechanical protection
- For PFA Multipairs see page 8



Stainless Steel Braided PFA Twisted Pair
One pair of **stranded** conductors PFA insulated. Pair twisted with overall stainless steel braid.



Stainless Steel Braided PFA Flat Twin
One pair of **stranded** conductors. Cores PFA insulated. Pair laid flat. PFA sheathed. Stainless steel braided overall.



Stainless Steel Braided PFA Twisted with Screen
One pair of **stranded** conductors PFA insulated. Pair twisted, screened with Mylar aluminium tape and drain wire. PFA sheathed. Stainless steel braided overall.

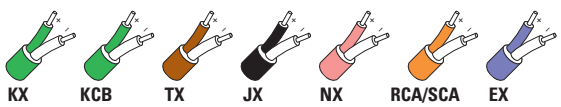
		Stock Number	**B53/SSB**	**B50/SSB**	**B80/SSB**
CONDUCTORS		**Conductor Style**	**Stranded**	**Stranded**	**Stranded**
		No. of Strands / Strand Diameter (mm)	**7/0.15**	**7/0.2**	**7/0.2**
		Total Area (mm^2)	0.124	0.22	0.22
		Total AWG (S = Stranded)	26S	24S	24S
		Insulation	PFA	PFA	PFA
PAIRS		**Number of Pairs**	1	1	1
		Laid Flat or Twisted	Twisted	Laid Flat	Twisted
		Screen*	Yes	Yes	Yes
OVERALL		**Insulation**	—	PFA	PFA
	Insulation Rating (°C)	**Continuous**	-75 to +250	-75 to +250	-75 to +250
		Short Term	+300	+300	+300
		Colour Coding	Yes	Yes	Yes
	Physical Properties	**Abrasion Resistance**	Very Good	Very Good	Very Good
		Moisture Resistance	Very Good	Very Good	Very Good
		Typical Weight (Kg/100m) (excluding reel)	1	1	3
		Diameter under Armour (mm)	—	—	—
		Diameter over Armour (mm)	—	—	—
		Overall Diameter† (mm)	2.0	3.0	3.0
		Notes	Rejects magnetic interference.	Oval section. Gas, steam and water tight Insulation.	Round section (pair lay visible through sheath). Rejects electromagnetic interference. Gas, steam and water tight insulation.

* Aluminised Mylar® tape in contact throughout by a bare 7/0.3mm diameter tinned copper drainwire. Where cables incorporate a metal braid, the braid can be used as a screen.
† These values are nominal and if critical to your application, please request a physical check.

The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity.
If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.		Thermocouple Type		Colour Code
B50/SSB	-	**KX**	-	**IEC**

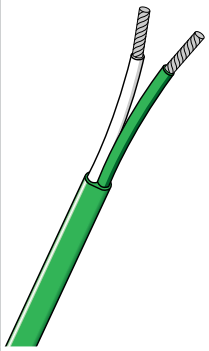
These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

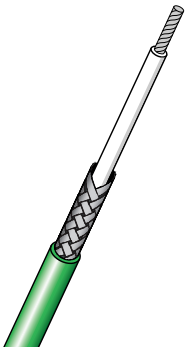
PFA and FEP Insulated Single Pair Thermocouple Cable

Specialist PFA and FEP Cables -75°C to +250°C / 300°C

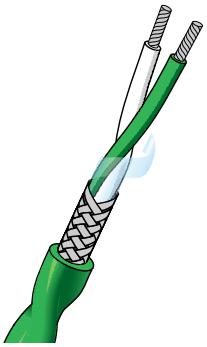
- PFA is ideal for higher temperature applications up to 250°C / 300°C. It is also excellent for cryogenic temperatures down to -75°C
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA cables are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- FEP cable is very flexible and suitable for a variety of applications, paticularly in the automotive industry
- A variety of constructions for specialist applications and interests



High Temperature PFA Insulated Flat Twin
One pair of **stranded** conductors. Cores high temperature PFA insulated. Pair laid flat. High temperature PFA sheathed.



PFA Insulated Coaxial Style
One pair of **stranded** conductors. Negative leg PFA insulated, positive leg wire braided in a coaxial style. PFA sheathed.



Flexible FEP Insulated Twisted Pair with Screen
One pair of **stranded** conductors FEP insulated. Pair twisted, polyester taped with tinned plated copper braid and FEP sheathed.

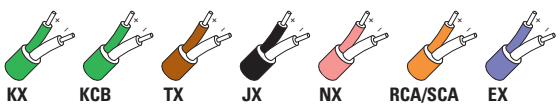
			BH50	B93	BF45
	Stock Number		**BH50**	**B93**	**BF45**
CONDUCTORS	**Conductor Style**		**Stranded**	**Stranded**	**Stranded**
	No. of Strands / Strand Diameter (mm)		**7/0.2**	**19/0.2**	**7/0.2**
	Total Area (mm²)		0.22	0.6	0.22
	Total AWG (S = Stranded)		24S	19S	24S
	Insulation		PFA	PFA	FEP
PAIRS	**Number of Pairs**		1	1	1
	Laid Flat or Twisted		Laid Flat	—	Twisted
	Screen*		No	Yes	Yes
OVERALL	**Insulation**		—	—	FEP
	Insulation Rating (°C)	**Continuous**	-75 to +300	-75 to +250	-65 to +210
		Short Term	+310	+300	—
	Colour Coding		Yes	Yes	Yes
	Physical Properties	**Abrasion Resistance**	Good	Good	Good
		Moisture Resistance	Very Good	Very Good	Very Good
		Typical Weight (Kg/100m) (excluding reel)	1	2	1.5
	Diameter under Armour (mm)		—	—	—
	Diameter over Armour (mm)		—	—	—
	Overall Diameter† (mm)		2x3	2.45	2.5
	Notes		Gas, steam and water tight insulation.	Round section. Rejects electromagnetic interference. Coaxial style cable.	Extremely flexible cable.

* Where cables incorporate a metal braid, the braid can be used as a screen.
† These values are nominal and if critical to your application, please request a physical check.

The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.		Thermocouple Type		Colour Code
BH50	-	**KX**	-	**IEC**

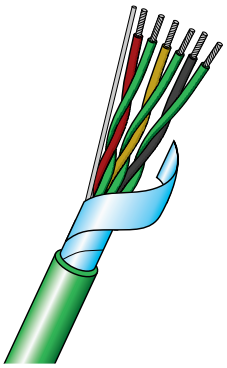
These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

PFA Insulated Multipair Thermocouple Cable

PFA Insulated Multipair with Screen -75°C to +250°C

- Ideal for higher temperature applications up to 250°C when Heat Resistant PVC is not adequate
- Excellent for cryogenic use down to -75°C
- PFA will withstand attack from virtually all known chemicals, oils and fluids. All our PFA cables are gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- By using multipair, the problem of having many unwieldy single pair cables is eliminated



PFA Multipair
Multipairs of 7/0.2mm diameter conductors PFA insulated. Pairs twisted, bunched and screened with Mylar® aluminium tape with a drainwire. PFA sheathed.

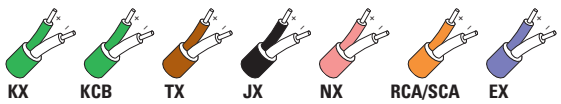
			BM0702	BM0703	BM0704	BM0706	BM0712
	Stock Number						
CONDUCTORS	**Conductor Style**				**Stranded**		
	No. of Strands / Strand Diameter (mm)		**7/0.2**	**7/0.2**	**7/0.2**	**7/0.2**	**7/0.2**
	Total Area (mm²)		0.22	0.22	0.22	0.22	0.22
	Total AWG (S = Stranded)		24S	24S	24S	24S	24S
	Insulation				PFA		
PAIRS	**Number of Pairs**		**2**	**3**	**4**	**6**	**12**
	Laid Flat or Twisted				Twisted		
	Screen*				No		
OVERALL	**Insulation**				PFA		
	Insulation Rating (°C)	**Continuous**			-75 to +250		
		Short Term			+300		
	Colour Coding				Yes		
	Screen*				Yes - Collective, Overall Screen		
	Physical Properties	**Abrasion Resistance**			Very Good		
		Moisture Resistance			Very Good		
		Typical Weight (Kg/100m) (excluding reel)	2	3	4	5	10
	Diameter under Armour (mm)				—		
	Diameter over Armour (mm)				—		
	Overall Diameter† (mm)		4	4	5	6	8
	Notes		Rejects electromagnetic and electrostatic interference. Gas, steam and water tight insulation.				

* Aluminised Mylar® tape in contact throughout by a bare 7/0.3mm diameter tinned copper drainwire.
† These values are nominal and if critical to your application, please request a physical check.

The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.		Thermocouple Type		Colour Code
BM0706	**-**	**KX**	**-**	**IEC**

These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

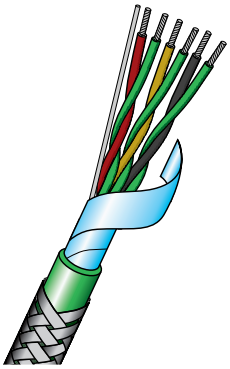
These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

Note: Colour coding on the negative leg of multipair cables is different in order to facilitate pair identification

PFA Insulated Multipair Thermocouple Cable

Stainless Steel Braided PFA Insulated Multipair with Screen -75°C to +250°C

- Ideal for higher temperature applications up to 250°C when Heat Resistant PVC is not adequate
- Excellent for cryogenic use down to -75°C
- PFA will withstand attack from virtually all known chemicals, oils and fluids. All our PFA cables are gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- By using multipair, the problem of having many unwieldy single pair cables is eliminated



PFA Multipair with Stainless Steel Braid
Multipairs of 7/0.2mm diameter conductors PFA insulated. Pairs twisted, bunched and screened with Mylar® aluminium tape with a drainwire. PFA sheathed with overall stainless steel braid.

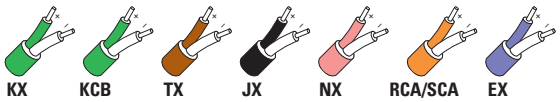
			BM0702/SSB	BM0703/SSB	BM0704/SSB	BM0706/SSB	BM0712/SSB	BM0716/SSB
	Stock Number							
CONDUCTORS	**Conductor Style**		Stranded					
	No. of Strands / Strand Diameter (mm)		7/0.2	7/0.2	7/0.2	7/0.2	7/0.2	7/0.2
	Total Area (mm²)		0.22	0.22	0.22	0.22	0.22	0.22
	Total AWG (S = Stranded)		24S	24S	24S	24S	24S	24S
	Insulation		PFA					
PAIRS	**Number of Pairs**		2	3	4	6	12	16
	Laid Flat or Twisted		Twisted					
	Screen*		No					
OVERALL	**Insulation**		PFA					
	Insulation Rating (°C)	**Continuous**	-75 to +250					
		Short Term	+300					
	Colour Coding		Yes					
	Screen*		Yes - Collective, Overall Screen					
	Physical Properties	**Abrasion Resistance**	Very Good					
		Moisture Resistance	Very Good					
		Typical Weight (Kg/100m) (excluding reel)	3	5	6	7	12	14
	Diameter under Armour (mm)		—					
	Diameter over Armour (mm)		—					
	Overall Diameter† (mm)		5	5	6	7	9	10
	Notes		Rejects electromagnetic and electrostatic interference. Gas, steam and water tight insulation.					

* Aluminised Mylar® tape in contact throughout by a bare 7/0.3mm diameter tinned copper drainwire. Where cables incorporate a metal braid, the braid can be used as a screen.
† These values are nominal and if critical to your application, please request a physical check.

The cable constructions can also be manufactured to any other colour coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding cable lengths please let us know so that we may make a satisfactory offer to meet your needs.

Colour Codes available (other colour codes available on request)

IEC 60584-3



ANSI MC96.1



Order Code - Example

Stock No.	Thermocouple Type	Colour Code
BM0702/SSB -	**KX** -	**IEC**

These cables are available for Thermocouple Types: KX, KCB, JX, TX, NX, EX, RCA or SCA. Other less popular thermocouple types are available on request.

These cables are normally available from us for **immediate** delivery from stock to IEC 60584-3 colour coding.

Note: Colour coding on the negative leg of multipair cables is different in order to facilitate pair identification

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