



## Thermocouple Extension Grade Wire Single and Multipair - PFA Insulated



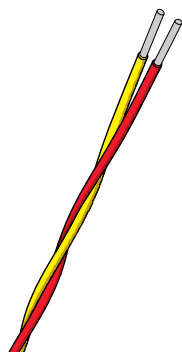
**A range of PFA insulated single and multipair  
Thermocouple Extension Grade Wire  
available from stock for immediate delivery**

TC for Temperature Sensing, Measurement and Control

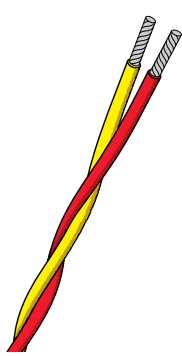
# PFA Thermocouple Extension Grade Wire

PFA Insulated Twisted Pair / PFA Insulated Bonded 'Bell Wire' / PTFE 'Single Shot' -100°F to +480°F

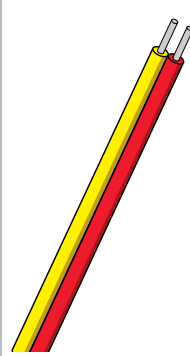
- PFA is ideal for higher temperature applications up to 480°F. It is also excellent for cryogenic temperatures down to -100°F
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA wire are made in extruded form and are therefore gas, steam and water tight which makes them 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



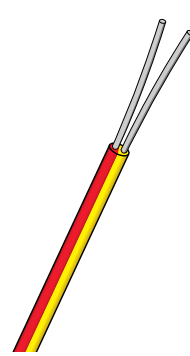
**PFA Twisted Pair**  
One pair of **solid** conductors  
PFA insulated. Pair twisted.



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



**PFA Bonded 'Bell Wire'**  
One pair of **solid** conductors.  
Pair laid flat and PFA sheathed. Oval, bonded 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	Wire Type (number of strands x AWG)	Solid	Solid	Solid	7x36	7x32	Solid	Solid	
	Total Wire Size - AWG (S = Stranded)	32	28	24	26S	24S	24	27	27
	Total Area (mm <sup>2</sup> )	0.03	0.07	0.2	0.124	0.22	0.2	0.11	0.11
	Insulation	PFA			PFA		PFA	PTFE	
PAIRS	Number of Pairs	1			1		1	1	
	Conductor Configuration	Twisted			Twisted		Parallel	Parallel	
	Shielded	No			No		No	No	
OVERALL	Insulation	—			—		—	—	
	Insulation Rating (°F)	Continuous			-100 to +480		-100 to +480	-100 to +480	
		Short Term			+570		+570	+570	
	Color Coding	Yes			Yes		Yes	Yes	
	Physical Properties	Abrasion Resistance			Good		Good	Good	
		Moisture Resistance			Very Good		Very Good	Very Good	
		Typical Weight (lbs/1000ft) (excluding reel)			7	7	7	7	7
	Diameter under Armor (inches)	—			—		—	—	
	Diameter over Armor (inches)	—			—		—	—	
	Overall Diameter† (inches)	0.08"	0.08"	0.08"	0.059"	0.12"	0.037"x0.077"	0.09"	0.06"x0.10"
Notes		Rejects electromagnetic interference. Gas, steam and water tight insulation.			Rejects electromagnetic interference. Gas, steam and water tight insulation.		Gas, steam and water tight insulation. Oval wire with bonded construction. Ideal for use in autoclaves.	Gas, steam and water tight insulation. Single shot construction. Ideal for use in autoclaves.	

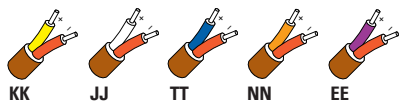
† These values are nominal and if critical to your application, please request a physical check.

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

Color Codes available Extension Grade to ANSI MC96.1



ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



Order Code - Example

Stock No.	Thermocouple Type	Color Code
<b>B10</b>	<b>- KX</b>	<b>- ANSI</b>

Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.

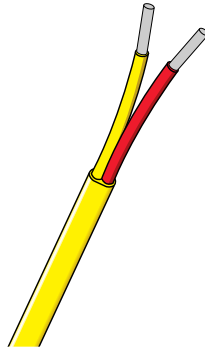
Thermocouple wire is normally available from us for **immediate** delivery from stock to ANSI MC96.1 colour coding.

IEC colors are available on request

# PFA Thermocouple Extension Grade Wire

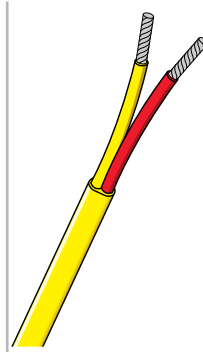
## PFA Insulated Flat Twin Wire -100°F to +480°F

- PFA is ideal for higher temperature applications up to 480°F. It is also excellent for cryogenic temperatures down to -100°F
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA wire 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 Parallel Twin**

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



**PFA Parallel 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	Wire Type (number of strands x AWG)	Solid	Solid	Solid	Solid	Solid	Solid	Solid	7x32	13x32
	Total Wire Size - AWG (S = Stranded)	41	34	27	32	28	24	20	24S	21S
	Total Area (mm <sup>2</sup> )	0.005	0.018	0.111	0.03	0.07	0.2	0.5	0.22	0.44
	Insulation	PFA							PFA	
PAIRS	Number of Pairs	1							1	
	Conductor Configuration	Parallel							Parallel	
	Shielded	No							No	
OVERALL	Insulation	PFA							PFA	
	Insulation Rating (°F)	Continuous							-100 to +480	
		Short Term							+570	
	Color Coding	Yes							Yes	
	Physical Properties	Abrasion Resistance							Good	
		Moisture Resistance							Very Good	
		Typical Weight (lbs/1000ft) (excluding reel)							7 14	
	Diameter under Armor (inches)	—							—	
	Diameter over Armor (inches)	—							—	
	Overall Diameter† (inches)	0.02"x0.03"	0.02"x0.03"	0.08"x0.03"	0.04"x0.04"	0.08"x0.04"	0.08"x0.12"	0.12"x0.16"	0.08"x0.12"	0.08"x0.12"
Notes		Oval section. Gas, steam and water tight insulation.							Oval section. Gas, steam and water tight insulation.	

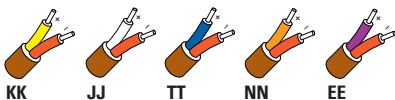
† These values are nominal and if critical to your application, please request a physical check.

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

### Color Codes available Extension Grade to ANSI MC96.1



### ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



### Order Code - Example

Stock No.	Thermocouple Type	Color Code
<b>B50</b>	<b>- KX</b>	<b>- ANSI</b>

Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.

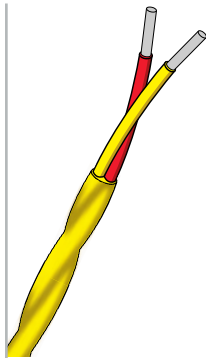
Thermocouple wire is normally available from us for **immediate** delivery from stock to ANSI MC96.1 colour coding.

IEC colors are available on request

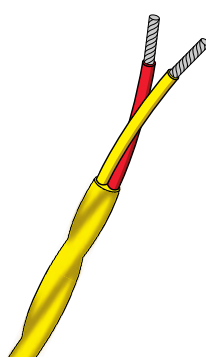
# PFA Thermocouple Extension Grade Wire

## PFA Insulated Twisted and Sheathed Wire -100°F to +480°F

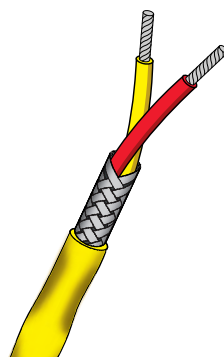
- PFA is ideal for higher temperature applications up to 480°F. It is also excellent for cryogenic temperatures down to -100°F
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA wire are made in extruded form and are therefore gas, steam and water tight which makes them 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	Wire Type (number of strands x AWG)	Solid	Solid	7x32	13x32	7x32
	Total Wire Size - AWG (S = Stranded)	24	20	24S	21S	24S
	Total Area (mm <sup>2</sup> )	0.2	0.5	0.22	0.44	0.22
	Insulation	PFA		PFA		PFA
PAIRS	Number of Pairs	1		1		1
	Conductor Configuration	Twisted		Twisted		Twisted
	Shielded*	No		No		Yes
OVERALL	Insulation	PFA		PFA		PFA
	Insulation Rating (°F)	Continuous		-100 to +480		-100 to +480
		Short Term		+570		+570
	Color Coding	Yes		Yes		Yes
	Physical Properties	Abrasion Resistance		Good		Good
		Moisture Resistance		Very Good		Very Good
		Typical Weight (lbs/1000ft) (excluding reel)		7      21		21
	Diameter under Armor ( inches)	—		—		—
	Diameter over Armor ( inches)	—		—		—
	Overall Diameter† (inches)	0.12"		0.12"		0.12"
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 wire incorporate a metal braid, the braid can be used as a shield.

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

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

### Color Codes available Extension Grade to ANSI MC96.1



### ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



### Order Code - Example

Stock No.	Thermocouple Type	Color Code
<b>B25</b>	<b>- KX</b>	<b>- ANSI</b>

Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.

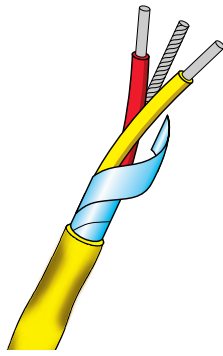
Thermocouple wire is normally available from us for **immediate** delivery from stock to ANSI MC96.1 colour coding.

IEC colors are available on request

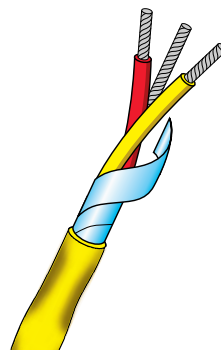
# PFA Thermocouple Extension Grade Wire

## PFA Insulated Twisted Pair with Shield -100°F to +480°F

- PFA is ideal for higher temperature applications up to 480°F. It is also excellent for cryogenic temperatures down to -100°F
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA wire 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 Shield**  
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 Shield**  
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	Wire Type (number of strands x AWG)	Solid	Solid	7x32	13x32
	Total Wire Size - AWG (S = Stranded)	20	16	24S	21S
	Total Area (mm <sup>2</sup> )	0.5	1.3	0.22	0.44
	Insulation	PFA		PFA	
PAIRS	Number of Pairs	1		1	
	Conductor Configuration	Twisted		Twisted	
	Shielded*	Yes		Yes	
OVERALL	Insulation	PFA		PFA	
	Insulation Rating (°F)	Continuous		-100 to +480	
		Short Term		+570	
	Color Coding	Yes		Yes	
	Physical Properties	Abrasion Resistance		Good	
		Moisture Resistance		Very Good	
		Typical Weight (lbs/1000ft) (excluding reel)		21	21
	Diameter under Armor ( inches)	—		—	
	Diameter over Armor ( inches)	—		—	
Overall Diameter† (inches)		0.16"	0.24"	0.12"	0.24"
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.

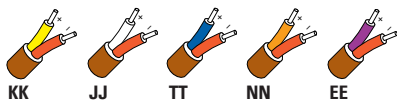
† These values are nominal and if critical to your application, please request a physical check.

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

### Color Codes available Extension Grade to ANSI MC96.1



### ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



### Order Code - Example

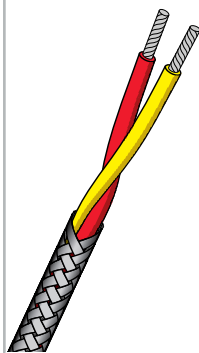
Stock No.	Thermocouple Type	Color Code
<b>B70</b>	<b>- KX</b>	<b>- ANSI</b>
Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.		
Thermocouple wire is normally available from us for <b>immediate</b> delivery from stock to ANSI MC96.1 colour coding.		

IEC colors are available on request

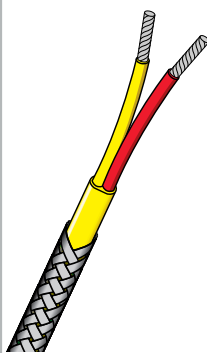
# PFA Thermocouple Extension Grade Wire

## Stainless Steel Braided PFA Insulated Wire -100°F to +480°F

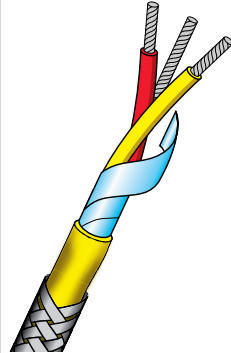
- PFA is ideal for higher temperature applications up to 480°F. It is also excellent for cryogenic temperatures down to -100°F
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA wire are made in extruded form and are therefore gas, steam and water tight which makes them 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 Shield**  
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	Wire Type (number of strands x AWG)	7x36	7x32	7x32
	Total Wire Size - AWG (S = Stranded)	26S	24S	24S
	Total Area (mm <sup>2</sup> )	0.124	0.22	0.22
	Insulation	PFA	PFA	PFA
PAIRS	Number of Pairs	1	1	1
	Conductor Configuration	Twisted	Parallel	Twisted
	Shielded*	Yes	No	Yes
OVERALL	Insulation	—	PFA	PFA
	Insulation Rating (°F)	Continuous	-100 to +480	-100 to +480
		Short Term	+570	+570
	Color Coding	Yes	Yes	Yes
	Physical Properties	Abrasion Resistance	Very Good	Very Good
		Moisture Resistance	Very Good	Very Good
		Typical Weight (lbs/1000ft) (excluding reel)	7	14
	Diameter under Armor (inches)	—	—	—
	Diameter over Armor ( inches)	—	—	—
Overall Diameter† (inches)		0.08" x 0.08"	0.12"	0.12"
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 wire incorporate a metal braid, the braid can be used as a shield.

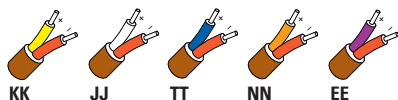
† These values are nominal and if critical to your application, please request a physical check.

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

### Color Codes available Extension Grade to ANSI MC96.1



### ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



### Order Code - Example

Stock No.	Thermocouple Type	Color Code
<b>B50/SSB</b>	<b>- KX</b>	<b>- ANSI</b>

Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.

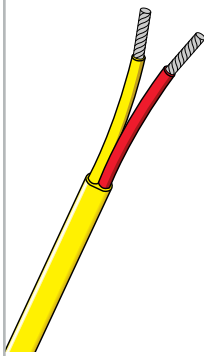
Thermocouple wire is normally available from us for **immediate** delivery from stock to ANSI MC96.1 colour coding.

IEC colors are available on request

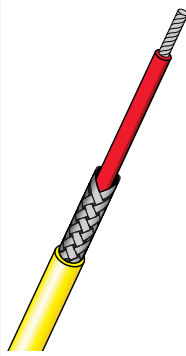
# PFA & FEP Thermocouple Extension Grade Wire

Specialist PFA and FEP Wire -100°F to +480°F / 570°F

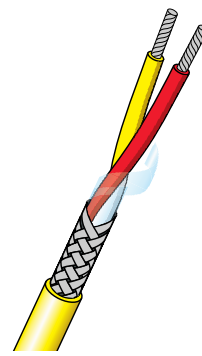
- PFA is ideal for higher temperature applications up to 480°F / 570°F. It is also excellent for cryogenic temperatures down to -100°F
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA wire are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- FEP wire is very flexible and is suitable for automotive applications
- 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 Shield**  
One pair of **stranded** conductors FEP insulated. Pair twisted, polyester taped with tinned plated copper braid and FEP sheathed.

Stock Number		BH50	B93	BF45
CONDUCTORS	Wire Type (number of strands x AWG)	7x32	19x32	7x32
	Total Wire Size - AWG (S = Stranded)	24S	19S	24S
	Total Area (mm <sup>2</sup> )	0.22	0.3	0.22
	Insulation	High Temperature PFA	PFA	FEP
PAIRS	Number of Pairs	1	1	1
	Conductor Configuration	Laid Flat	—	Twisted
	Shielded*	No	Yes	Yes
OVERALL	Insulation	High Temperature PFA	PFA	FEP
	Insulation Rating (°F)	Continuous	-100 to +570	-85 to +410
		Short Term	+570	—
	Color Coding	Yes	Yes	Yes
	Physical Properties	Abrasion Resistance	Good	Good
		Moisture Resistance	Very Good	Very Good
		Typical Weight (lbs/1000ft) (excluding reel)	7	11
	Diameter under Armor ( inches)	—	—	—
	Diameter over Armor ( inches)	—	—	—
Overall Diameter† (inches)		0.118"	0.1"	0.100"
Notes		Gas, steam and water tight insulation.	Round section. Rejects electromagnetic interference. Coaxial style wire.	Extremely flexible wire.

\* Where wire incorporate a metal braid, the braid can be used as a shield.

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

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

Color Codes available Extension Grade to ANSI MC96.1



ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



Order Code - Example

Stock No.	Thermocouple Type	Color Code
BH50/SSB	- KX	- ANSI

Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.

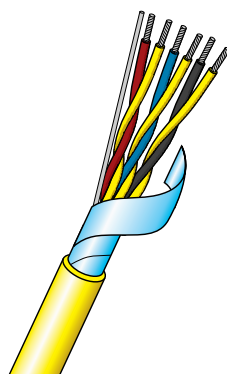
Thermocouple wire is normally available from us for **immediate** delivery from stock to ANSI MC96.1 colour coding.

IEC colors are available on request

# PFA Thermocouple Extension Grade Wire

## PFA Insulated Multipair with Screen -100°F to +480°F

- Ideal for higher temperature applications up to 480°F when Heat Resistant PVC is not adequate
- Excellent for cryogenic use down to -100°F
- PFA will withstand attack from virtually all known chemicals, oils and fluids. All our PFA wire 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 wire 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.

Stock Number		BM0702	BM0703	BM0704	BM0706	BM0712
CONDUCTORS	Wire Type (number of strands x AWG)	7x32	7x32	7x32	7x32	7x32
	Total Wire Size - AWG (S = Stranded)	24S	24S	24S	24S	24S
	Total Area (mm <sup>2</sup> )	0.22	0.22	0.22	0.22	0.22
	Insulation	PFA				
PAIRS	Number of Pairs	2	3	4	6	12
	Conductor Configuration	Twisted				
	Shielded*	No				
OVERALL	Insulation	PFA				
	Insulation Rating (°F)	Continuous				
		-100 to +480				
	Short Term					
		+570				
	Color Coding	Yes				
	Shielded*	Yes - Collective, Overall Screen				
	Physical Properties	Abrasion Resistance				
		Very Good				
		Moisture Resistance				
		Very Good				
	Typical Weight (lbs/1000ft) (excluding reel)	14	21	28	34	68
	Diameter under Armor (mm)	—				
	Diameter over Armor (mm)	—				
	Overall Diameter† (inches)	0.16"	0.16"	0.20"	0.24"	0.31"
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.

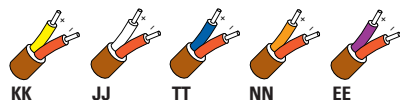
† These values are nominal and if critical to your application, please request a physical check.

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

### Color Codes available Extension Grade to ANSI MC96.1



### ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



### Order Code - Example

Stock No.	Thermocouple Type	Color Code
<b>BM0706</b>	<b>- KX</b>	<b>- ANSI</b>

Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.

Thermocouple wire is normally available from us for **immediate** delivery from stock to ANSI MC96.1 colour coding.

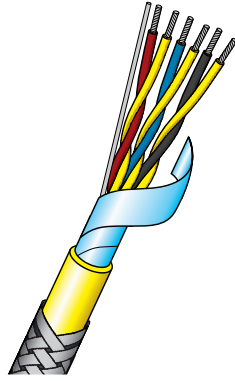
IEC colors are available on request

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

# PFA Thermocouple Extension Grade Wire

## Stainless Steel Braided PFA Insulated Multipair with Screen -100°F to +480°F

- Ideal for higher temperature applications up to 480°F when Heat Resistant PVC is not adequate
- Excellent for cryogenic use down to -100°F
- PFA will withstand attack from virtually all known chemicals, oils and fluids. All our PFA wire 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 wire 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.

Stock Number		BM0702/SSB	BM0703/SSB	BM0704/SSB	BM0706/SSB	BM0712/SSB
CONDUCTORS	Wire Type (number of strands x AWG)	7x32	7x32	7x32	7x32	7x32
	Total Wire Size - AWG (S = Stranded)	S24	24S	24S	24S	24S
	Total Area (mm <sup>2</sup> )	0.22	0.22	0.22	0.22	0.22
	Insulation	PFA				
PAIRS	Number of Pairs	2	3	4	6	12
	Conductor Configuration	Twisted				
	Shielded*	No				
OVERALL	Insulation	PFA				
	Insulation Rating (°F)	Continuous				
		-100 to +480				
	Short Term					
		+570				
	Color Coding	Yes				
	Shielded*	Yes - Collective, Overall Screen				
	Physical Properties	Abrasion Resistance				
		Very Good				
		Moisture Resistance				
		Very Good				
	Typical Weight (lbs/1000ft) (excluding reel)	21	34	41	48	82
	Diameter under Armor (mm)	—				
	Diameter over Armor (mm)	—				
	Overall Diameter† (inches)	0.20"	0.20"	0.24"	0.28"	0.35"
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 wire incorporate a metal braid, the braid can be used as a shield.

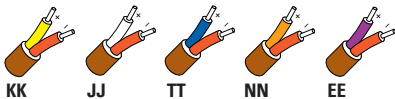
† These values are nominal and if critical to your application, please request a physical check.

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

### Color Codes available Extension Grade to ANSI MC96.1



### ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1



### Order Code - Example

Stock No.	Thermocouple Type	Color Code
BM0702/SSB	- KX	- ANSI

Thermocouple wire is available in the following types: KX, JX, TX, NX, EX, SX or RX. Other less popular thermocouple types are available on request.

Thermocouple wire is normally available from us for **immediate** delivery from stock to ANSI MC96.1 colour coding.

IEC colors are available on request

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



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