

Thermocouple Extension Grade Wire Single and Multipair - PFA Insulated



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

Stock Number



B11

B12



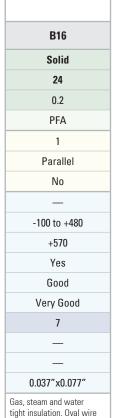
One pair of stranded conductors PFA insulated. Pair twisted.

B54

B53



PFA Bonded 'Bell Wire' One pair of solid conductors. Pair laid flat and PFA sheathed. Oval, bonded construction.



with bonded construction.



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

B13 ROUND	B15 OVAL
So	lid
27	27
0.11	0.11
PT	FE
1	I
Par	allel
N	0
_	_
-100 to	+480
+5	70
Ye	es
Go	od
Very	Good
7	7
_	_
_	_
0.09"	0.06"x0.10"
Gas steam an	d water

Gas, steam and water tight insulation. Single shot construction. Ideal for use in autoclaves

10								
)RS	Wire Type (num	iber of strands x AWG)	Solid	Solid	Solid	7x36	7x32	
CT	Total Wire Size	- AWG (S = Stranded)	32	28	24	26S	24\$	
CONDUCTORS	Total Area (mm	²)	0.03	0.07	0.2	0.124	0.22	
00	Insulation			PFA		PI	FA .	
S	Number of Pair	s		1			1	
PAIRS	Conductor Conf	figuration		Twisted		Twi	sted	
4	Shielded			No		N	lo	
	Insulation			_		_	_	
	Insulation	Continuous	-1	00 to +48	30	-100 to +480		
	Rating (°F)	Short Term		+570		+570		
_	Color Coding			Yes		Yes		
OVERALL		Abrasion Resistance		Good		Good		
VEI	Physical Properties	Moisture Resistance	\	ery Goo	d	Very Good		
0	•	Typical Weight (lbs/1000ft) (excluding reel)	7	7	7	7	7	
	Diameter under	r Armor (inches)		_		<u>-</u>		
	Diameter over A	Armor (inches)		_		_		
	Overall Diamete	er† (inches)	0.08"	0.08"	0.08"	0.059"	0.12"	
		Notes	interferen	ectromagne ce. Gas, ste t insulation	eam and	Rejects electror interference. Ga water tight insu	s, steam and	

B10

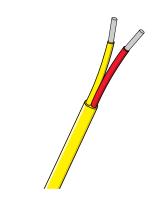
The wire constructions can also be manufactured to any other color coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding wire lengths please let us know so that we may make a satisfactory offer to meet your needs.

Color Codes available Extension Grade to ANSI MC96.1	Order Code - Example
to to to to to	Stock No. Thermocouple Type Color Code
KX JX TX NX EX SX RX	B10 - KX - ANSI
ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1 KK JJ TT NN EE	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.

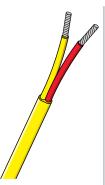
These values are nominal and if critical to your application, please request a physical check.

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



PFA Parallel TwinOne pair of **stranded**conductors. Cores PFA
insulated. Pair laid flat.
PFA sheathed overall.

		Stock Number	B04	B05	B19	B23	B22	B20	B30	B50	B60
RS	Wire Type (num	iber of strands x AWG)	Solid	Solid	Solid	Solid	Solid	Solid	Solid	7x32	13x32
CT0	Total Wire Size	- AWG (S = Stranded)	41	34	27	32	28	24	20	248	21\$
Wire Type (number of strands x AWG) Total Wire Size - AWG (S = Stranded) Total Area (mm²) Insulation				0.018	0.111	0.03	0.07	0.2	0.5	0.22	0.44
CO	Insulation					PFA				Р	FA
S	Number of Pair	s				1					1
PAIRS	Conductor Conf	iguration				Parallel				Par	allel
Д.	Shielded				No				N	lo	
	Insulation					PFA				Р	FA
	Insulation	Continuous				-100 to +480					
	Rating (°F)	Short Term			+570						
	Color Coding				Yes						
OVERALL		Abrasion Resistance			Good						
VER	Physical Properties	Moisture Resistance	Very Good							Very Good	
0		Typical Weight (lbs/1000ft) (excluding reel)	1	<7	7	3	4	7	14	7	14
	Diameter under	Armor (inches)				_				_	_
	Diameter over A				_				_		
	Overall Diameter [†] (inches)		0.02"x 0.02"x 0.08"x0. 0.04"x0. 0.08"x0. 0.08"x0. 0.12"x0. 0.03" 04" 04" 12" 16"							0.08"x0.12"	0.08"x0.12"
		Oval sect	ion. Gas, s	team and w	vater tight	insulation.			Oval section. water tight in:	Gas, steam and sulation.	
+ The	no valuos ere nomi	nal and if critical to your application	places re-	augat a ph	minal abad	,					

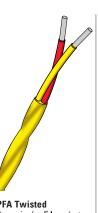
[†] These values are nominal and if critical to your application, please request a physical check.

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.

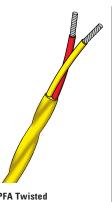
Color Codes available Extension Grade to ANSI MC96.1						Order Code - Example				
J.			, ,	Q*	, Q×			Stock No.	Thermocouple Type	Color Code
кх	JX	TX	NX	EX	SX	RX		B50	- KX -	ANSI
ALSO AVA	JJ	TT THE THE THE THE THE THE THE THE THE T	ouple Grade	to ANSI N	ИС96.1 •			NX, EX, SX or RX. O available on reques	is available in the followin ther less popular thermoco t. is normally available from to ANSI MC96.1 colour coo	ouple types are

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

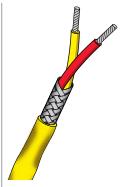
- PFA is ideal for higher temperature applications up to 480°F. It is also excellent for cryogenic temperatures down to -100°F
- Withstands attack from virtually all known chemicals, oils and fluids. All our PFA wire are made in extruded form and are therefore gas, steam and water tight which makes them most suitable for applications such as autoclaves or sterilizers
- Twisted construction with overall PFA sheath
- For PFA Multipairs see page 8



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



PFA TwistedOne 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	
RS	Wire Type (num	nber of strands x AWG)	Solid	Solid	7x32	13x32	
CONDUCTORS	Total Wire Size	e - AWG (S = Stranded)	24	20	24\$	21\$	
NDN	Total Area (mm	n ²)	0.2	0.5	0.22	0.44	
CO	Insulation		PF	-A	PF	A	
s	Number of Pair	rs	1	l	1	I	
PAIRS	Conductor Con	figuration	Twi	sted	Twi	sted	
Ъ	Shielded*		N	0	N	0	
	Insulation		PF	A	PF	A	
	Insulation	Continuous	-100 to	+480	-100 to +480		
	Rating (°F)	Short Term	+5	70	+5	70	
_	Color Coding		Ye	es	Ye	es	
OVERALL		Abrasion Resistance	Go	od	Good		
VE	Physical Properties	Moisture Resistance	Very	Good	Very	Good	
J		Typical Weight (lbs/1000ft) (excluding reel)	7	21	7	14	
	Diameter unde	r Armor (inches)	_	_	_	_	
	Diameter over	Armor (inches)	_	_	_	_	
	Overall Diamet	ter† (inches)	0.12"	0.12"	0.12"	0.12"	
		Notes	Round section visible through Rejects electro	n sheath).	Round section (p through sheath). electromagnetic	Rejects	

B40
7x32
24S
0.22
PFA
1
Twisted
Yes
PFA
-100 to +480
+570
Yes
Good
Very Good
21
_
_
0.12"
Round section (pair lay visible

through sheath). Rejects electromagnetic interference. Gas,

steam and water tight insulation.

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.

water tight insulation.

Color Codes available Extension Grade to ANSI MC96.1								Order Code - Example				
J.	9		,	g _x	Q×.		Stock No	١.	Thermocouple Type	Color Code		
KX	JX	TX	NX	EX	SX	RX	B25	-	КХ -	ANSI		
ALSO AVA	ILABLE as	Thermoco	ouple Grad	e to ANSI N	ЛС96.1		NX, EX, SX or available on re Thermocouple	RX. Othe equest. wire is	available in the following er less popular thermoconormally available from a ANSI MC96.1 colour cod	uple types are		

IEC colors are available on request

Gas, steam and water tight

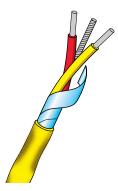
insulation.

^{*} Where wire incorporate a metal braid, the braid can be used as a shield.

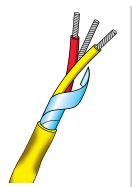
These values are nominal and if critical to your application, please request a physical check.

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	
RS	Wire Type (num	iber of strands x AWG)	Solid	Solid	7x32	13x32	
CONDUCTORS	Total Wire Size	- AWG (S = Stranded)	20	16	24\$	21\$	
ND N	Total Area (mm	2)	0.5	1.3	0.22	0.44	
00	Insulation		PF	A	PI	FA	
S	Number of Pair	s	1			1	
PAIRS	Conductor Conf	iguration	Twis	sted	Twi	sted	
Д	Shielded*		Ye	es	Y	es	
	Insulation		PF	-A	Pl	FA	
	Insulation	Continuous	-100 to	+480	-100 to +480		
	Rating (°F)	Short Term	+5	70	+570		
_	Color Coding		Ye	es	Y	es	
OVERALL		Abrasion Resistance	Go	od	Good		
VE	Physical Properties	Moisture Resistance	Very	Good	Very Good		
J	_	Typical Weight (lbs/1000ft) (excluding reel)	21	28	21	21	
	Diameter under	Armor (inches)	_	_	_		
	Diameter over A	Armor (inches)	_	_	-	_	
	Overall Diamet	er† (inches)	0.16"	0.24"	0.12"	0.24"	
		Notes	Round section (pair sheath). Rejects ele interference. Gas, s tight insulation.	ectromagnetic	Round section (pair sheath). Rejects el interference. Gas, 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							Order Code - Ex	Order Code - Example					
J×	, J.		, J.	, J.	Q×.		Stock No.	TI	hermocouple Type	Color Code			
КХ	JX	TX	NX	EX	SX	RX	B70	-	KX -	ANSI			
ALSO AVA	ILABLE as	s Thermoco	ouple Grad	le to ANSI M	ИС96.1 •		NX, EX, SX or RX available on requ	. Other le est. re is norr	ilable in the followings popular thermocon mally available from SI MC96.1 colour coo	ouple types are us for immediate			

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

Stock Number

- 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

Wire Type (number of strands x AWG)

Total Wire Size - AWG (S = Stranded)

Continuous

Short Term

Abrasion Resistance

Moisture Resistance

Typical Weight (lbs/1000ft)

Notes

For PFA Multipairs see page 8

Total Area (mm²)
Insulation

Number of Pairs

Conductor Configuration

Shielded*

Insulation

Insulation Rating (°F)

Color Coding

Physical

Properties

Diameter under Armor (inches)

Diameter over Armor (inches)

Overall Diameter* (inches)



Stainless Steel Braided PFA Twisted Pair One pair of stranded conductors PFA insulated.

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

B53/SSB

7x36 26S

0.124

PFA

Twisted

Yes

-100 to +480

+570

Yes

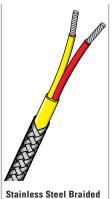
Very Good

Very Good

7

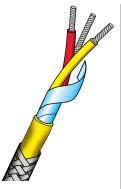
0.08"x 0.08"

Rejects magnetic interference.



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

braided overall.
B50/SSB
7x32
24\$
0.22
PFA
1
Parallel
No
PFA
-100 to +480
+570
Yes
Very Good
Very Good
7
_
_
0.12"
Oval section. Gas, steam and water tight Insulation.



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.

B80/SSB
7x32
24S
0.22
PFA
1
Twisted
Yes
PFA
-100 to +480
+570
Yes
Very Good
Very Good
14
_
_
0.12"
Round section (pair lay visible through sheath). Rejects electromagnetic interference. Gas, steam and water tight insulation.

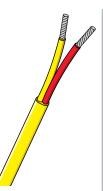
* Aluminised Mylar® tape in contact throughout by a bare 7/0.3mm diameter tinned copper drainwire. Where wire incorporate a metal braid, the braid can be used as a shield.
† These values are nominal and if critical to your application, please request a physical check.

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						Order Code - Example				
Jo Jo die die die						Stock No.	Thermocouple Type	Color Code		
кх	JX	TX	NX	EX	SX	RX		B50/SSB	- KX -	ANSI
ALSO AVAI	LABLE as	Thermoco	ouple Grade	e to ANSI N	/IC96.1			NX, EX, SX or RX. Oth available on request. Thermocouple wire is	available in the following er less popular thermocon normally available from ANSI MC96.1 colour colours	ouple types are

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.

TTA SHEULIEU.					
B93					
19x32					
19S					
0.3					
PFA					
1					
_					
Yes					
PFA					
-100 to +480					
+570					
Yes					
Good					
Very Good					
14					
_					
_					
0.1"					
Round section. Rejects electromagnetic					

interference. Coaxial style



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.

BF45							
7x32							
24S							
0.22							
FEP							
1							
Twisted							
Yes							
FEP							
-85 to +410							
_							
Yes							
Good							
Very Good							
11							
_							
_							
0.100"							
Extremely flexible wire.							

		Stock Number	BH50
RS	Wire Type (nun	iber of strands x AWG)	7x32
CONDUCTORS	Total Wire Size	- AWG (S = Stranded)	24\$
NDV	Total Area (mm	²)	0.22
00	Insulation		High Temperature PFA
S	Number of Pair	s	1
PAIRS	Conductor Conf	iguration	Laid Flat
Ъ	Shielded*		No
	Insulation		High Temperature PFA
	Insulation Rating (°F)	Continuous	-100 to +570
		Short Term	+590
_	Color Coding		Yes
OVERALI		Abrasion Resistance	Good
VE	Physical Properties	Moisture Resistance	Very Good
J	•	Typical Weight (lbs/1000ft) (excluding reel)	7
	Diameter under	Armor (inches)	_
	Diameter over	Armor (inches)	_
	Overall Diamet	er† (inches)	0.118"
		Notes	Gas, steam and water tight insulation.

^{*} Where wire incorporate a metal braid, the braid can be used as a shield.

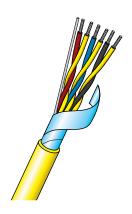
The wire constructions can also be manufactured to any other color coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding wire lengths please let us know so that we may make a satisfactory offer to meet your needs.

Color Codes available Extension Grade to ANSI MC96.1							Order Code - Example			
To the time to the						Stock No.	Thermocouple Type	Color Code		
КХ	JX	TX	NX	EX	SX	RX		BH50/SSB	- KX -	ANSI
ALSO AVA	ILABLE as	Thermoco	ouple Grade	to ANSI M	ИС96.1			NX, EX, SX or RX. Oth available on request. Thermocouple wire is	available in the followir er less popular thermoco normally available from ANSI MC96.1 colour co	us for immediate

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

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			
RS	Wire Type (nur	Wire Type (number of strands x AWG)		7x32	7x32	7x32	7x32			
CONDUCTORS	Total Wire Size	e - AWG (S = Stranded)	24\$	24\$	24\$	24\$	24\$			
	Total Area (mn	1 ²)	0.22	0.22	0.22	0.22	0.22			
000	Insulation				PFA					
S	Number of Pai	rs	2	3	4	6	12			
PAIRS	Conductor Con	figuration			Twisted					
Д.	Shielded*				No					
	Insulation		PFA							
	Insulation	Continuous	-100 to +480							
Ra	Rating (°F)	Short Term	+570							
	Color Coding		Yes							
1	Shielded*	Shielded*		Yes - Collective, Overall Screen						
OVERALL		Abrasion Resistance	Very Good							
0	Physical Properties	Moisture Resistance			Very Good					
		Typical Weight (lbs/1000ft) (excluding reel)	14	21	28	34	68			
	Diameter under Armor (mm) Diameter over Armor (mm)				_					
					_					
	Overall Diame	ter† (inches)	0.16"	0.16"	0.20"	0.24"	0.31"			

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.

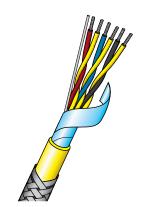
Color Codes available Extension Grade to Al	Order Code	Order Code - Example			
The State St	Stock No.	o. Thermocouple Type Color Code			
KX JX TX NX E	SX RX BM070	D6 - KX - ANSI			
ALSO AVAILABLE as Thermocouple Grade to	NX, EX, SX or available on re	e wire is available in the following types: KX, JX, T. RX. Other less popular thermocouple types are equest. e wire is normally available from us for immediate 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

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/SSE			
RS	Wire Type (number of strands x AWG)		7x32	7x32	7x32	7x32	7x32			
CONDUCTORS	Total Wire Size	- AWG (S = Stranded)	S24	24\$	24\$	24\$	24S			
	Total Area (mm	²)	0.22	0.22	0.22	0.22	0.22			
<u> </u>	Insulation				PFA					
S	Number of Pair	s	2	3	4	6	12			
PAIRS	Conductor Conf	figuration			Twisted					
<u> </u>	Shielded*				No					
	Insulation		PFA							
	Insulation	Continuous	-100 to +480							
	Rating (°F)	Short Term	+570							
	Color Coding		Yes							
1	Shielded*	Shielded*		Yes - Collective, Overall Screen						
OVERALL		Abrasion Resistance	Very Good							
0	Physical Properties	Moisture Resistance		Very Good						
		Typical Weight (lbs/1000ft) (excluding reel)	21	34	41	48	82			
	Diameter under Armor (mm)				_					
Diameter over Armor (mm)				_						
	Overall Diamet	er [†] (inches)	0.20"	0.20"	0.24"	0.28"	0.35"			
	ı	Notes	Rejects electromagn	netic and electrostatic	interference. Gas, st	eam and water tight i	nsulation.			

^{*} 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	Order Code - Example
to to to to to	Stock No. Thermocouple Type Color Code
KX JX TX NX EX SX RX	BM0702/SSB - KX - ANSI
ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1 KK JJ TT NN EE	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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