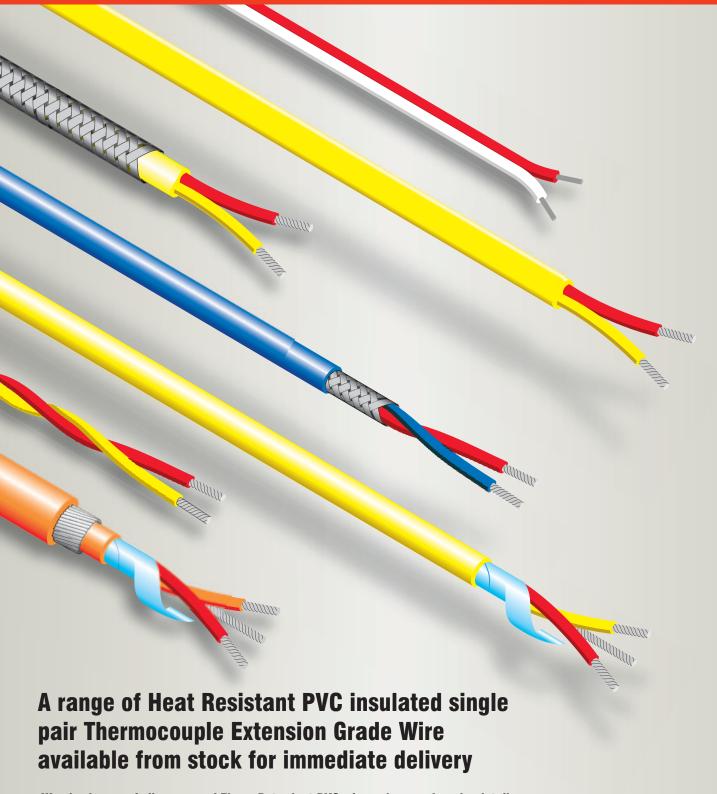


Thermocouple Extension Grade Wire Single Pair - Heat Resistant PVC Insulated



We also have a similar range of Flame Retardant PVC wire - please ask us for details

Heat Resistant PVC Insulated 'Ripcord' / PVC Twisted Pair -22°F to +220°F

- Incorporates Heat Resistant (HR) PVC suitable for use in the temperature range -22°F to +220°F
- Twisted pair construction is ideal for making simple thermocouples and it rejects electromagnetic interference
- 'Ripcord' construction allows for easy separation of conductors



HR PVC 'Ripcord' One pair of solid conductors HR PVC insulated. Parallel construction and fused together in a ripcord construction.

	Stock Number	A10		
Wire Type (nur	nber of strands x AWG)	Solid		
Total Wire Size	e - AWG (S = Stranded)	24		
Total Area (mn	n ²)	0.2		
Insulation		Heat Resistant PVC		
Number of Pair	rs	1		
Conductor Con	figuration	Parallel		
Shielded		No		
Insulation		Heat Resistant PVC		
Insulation	Continuous	-22 to +220		
Rating (°F)	Short Term	_		
Color Coding		Yes		
	Abrasion Resistance	Good		
Physical Properties	Moisture Resistance	Very Good		
-	Typical Weight (lbs/1000ft) (excluding reel)	7		
Diameter unde	r Armor (inches)	_		
Diameter over	Armor (inches)	_		
Overall Diamet	ter [†] (inches)	0.08" x 0.12"		
	Notes	Parallel construction bell wire style.		
	Total Wire Size Total Area (mn Insulation Number of Pair Conductor Con Shielded Insulation Insulation Rating (°F) Color Coding Physical Properties Diameter unde	Wire Type (number of strands x AWG) Total Wire Size - AWG (S = Stranded) Total Area (mm²) Insulation Number of Pairs Conductor Configuration Shielded Insulation Insulation Rating (°F) Color Coding Abrasion Resistance Physical Properties Abrasion Resistance Typical Weight (Ibs/1000ft) (excluding reel) Diameter under Armor (inches) Diameter over Armor (inches) Overall Diameter † (inches)		



A80
13x32
21\$
0.44
Heat Resistant PVC
1
Twisted
Yes
Heat Resistant PVC
-22 to +220
_
Yes
Good
Very Good
14
_
_
0.16"
Rejects electromagnetic interference.

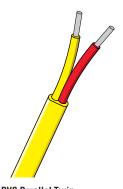
[†] These values are nominal and if critical to your application, please request a physical check.

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	A10	- кх -	ANSI			
ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1 KK JJ TT NN EE	NX, EX, SX or RX. Oth available on request. Thermocouple wire is	available in the following er less popular thermoco normally available from ANSI MC96.1 colour cod	uple types are us for immediate			

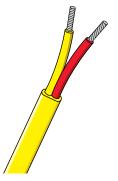
Heat Resistant PVC Insulated Parallel Twin Wire -22°F to +220°F

- Incorporates Heat Resistant (HR) PVC suitable for use in the temperature range -22°F to +220°F
- Parallel Twin construction with either solid or stranded conductors in a range of sizes.
 Ideal for general purpose applications
- Multipair wire is also available, please contact us for details



HR PVC Parallel Twin

One pair of **solid** conductors HR PVC insulated. Parallel construction and HR PVC insulation overall.



HR PVC Parallel TwinOne pair of **stranded** conductors HR PVC insulated.
Parallel construction with HR PVC insulation overall.

		Stock Number	A13	A14	A15	A30	A40	A50	A60	A65	A70	
S	Wire Type (num	ber of strands x AWG)	Solid	Solid	Solid	7x32	13x32	23x32	32x32	40x32	3x19	
TOR	Total Wire Size	- AWG (S = Stranded)	24	20	16	24\$	21S	198	17S	16S	148	
CONDUCTORS	Total Area (mm	²)	0.2	0.5	1.3	0.22	0.44	0.75	1.0	1.3	1.95	
ONIC	Total Area (mm	²)	0.2	0.5	1.3	0.22	0.44	0.75	1.0	1.3	1.95	
S	Insulation		He	at Resistant P	VC			Heat Res	istant PVC			
S	Number of Pair	s		1					1			
PAIRS	Conductor Conf	iguration		Parallel			Par	allel				
Д	Shielded			No		No						
	Insulation		He	at Resistant P	Heat Resistant PVC							
	Insulation Continuous			-22 to +220	-22 to +220							
	Rating (°F)	Short Term		_	_							
_	Color Coding			Yes	Yes							
OVERALL		Abrasion Resistance		Good	Good							
)VEI	Physical Properties	Moisture Resistance		Very Good		Very Good						
J		Typical Weight (lbs/1000ft) (excluding reel)	21	28	34	14	21	28	34	41	48	
	Diameter under	Armor (inches)		_				_	_			
	Diameter over A	Armor (inches)		_				_	_			
	Overall Diamete	er [†] (inches)	0.12"x 0.20"	0.12"x 0.20"	0.16"x 0.24"	0.12"x 0.16"	0.12"x 0.2"	0.16"x 0.24"	0.16"x 0.24"	0.20"x 0.28"	0.20"x 0.31	
		Notes	Oval cross section purpose construction			Oval cross section. Good general purpose flexible construction. A60, A65 and A70 are more robust.						

[†] 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.	A x	Q'x	g ^x	Qx.		is dis		Stock No.	Thermocouple Type	Color Code
кх	JX	TX	NX	EX	SX	RX		A30	- KX -	ANSI
ALSO AVAI	JJ	Thermoco	uple Grade	to ANSI N	ИС96.1			NX, EX, SX or RX. Oth available on request. Thermocouple wire is	available in the followier less popular thermod normally available fron ANSI MC96.1 colour co	ouple types are

Heat Resistant PVC Insulated Twisted Wire -22°F to +220°F

Stock Number

- Incorporates Heat Resistant (HR) PVC suitable for use in the temperature range -22°F to +220°F
- Twisted construction with either solid or stranded conductors in a range of sizes.
 Ideal for general purpose applications
- Multipair wire is also available, please contact us for details

Wire Type (number of strands x AWG)

Total Wire Size - AWG (S = Stranded)

Continuous

Short Term

Abrasion Resistance

Moisture Resistance

Typical Weight (lbs/1000ft)

Total Area (mm²)
Insulation

Number of Pairs

Shielded *
Insulation

Insulation Rating (°F)

Color Coding

Physical

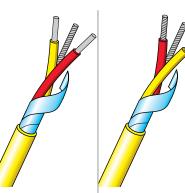
Properties

Diameter under Armor (inches)

Diameter over Armor (inches)

Overall Diameter † (inches)

Conductor Configuration



HR PVC Twisted Pair with Shield

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

Heat Resistant PVC

Twisted

Yes

Heat Resistant PVC

-22 to +220

Yes

Good

Very Good

Round cross section. Rejects

electromagnetic and

electrostatic interference

28

0.24"

Notes

A25

Solid

16

1.3

A27

7x32

24S

0.22

A20

Solid

20

0.5



One pair of **stranded** conductors HR PVC insulated. Pair twisted, screened with Mylar aluminium tape and drain wire. HR PVC sheathed overall.

A28

13x32

21S

0.44

Heat Resistant PVC

Twisted

Yes

Heat Resistant PVC

-22 to +220

Yes

Good

Very Good

28

0.20"

Round cross section. Rejects

electromagnetic and

electrostatic interference

0.24"

21

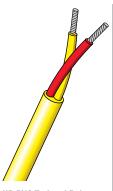
0.16"

A29

23x32

19S

0.75



HR PVC Twisted Pair One pair of stranded conductors HR PVC insulated with HRPVC insulation overall.

A82	A83	A85									
7x32	13x32	23x32									
24S	21S	198									
0.22	0.44	0.75									
Heat	Heat Resistant PVC										
	1										
	Twisted										
	No										
Heat	Resistan	t PVC									
-	22 to +22	0									
	_										
	Yes										
	Good										
١	ery Goo	b									
14	21	28									
	_										
0.16"	0.20"	0.24"									
Round cro	ss section.	Rejects									

electromagnetic interference.



HR PVC Twisted Pair with Tinned Copper Braid One pair of stranded conductors HR PVC insulated. Pair twisted with nickel plated copper braid. HR PVC insulation overall

A75	A26
3x28	7x32
24\$	24S
0.21	0.22
Heat Resi	isant PVC
1	I
Twi	sted
Ye	es
Heat Resi	stant PVC
-22 to	+220
_	_
Ye	es
Go	od
Very	Good
21	21
_	_
_	_
0.16"	0.16"
Round cross sed electromagnetic electrostatic int	and

*	Aluminised Mylar® tape in contact throughout by a bare 7/	/0.3mm diameter tinned copper dr	ainwire. Where wire incorporate a	meta	al braid, the braid can be used as a	shie	ld.
+	These values are nominal and if critical to your application	nlease request a physical check	·				

48

0.28"

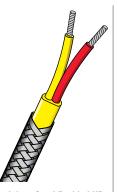
The wire constructions can also be manufactured to any other color coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding wire lengths please let us know so that we may make a satisfactory offer to meet your needs.

Color Codes available Extension Grade to ANSI MC96.1					Order Code - Example						
The Six Six Six Six Six						Stock No.	Therr	mocouple Type	Color Code		
КХ	JX	TX	NX	EX	sx	RX		A27	-	KX -	ANSI
ALSO AVAI	LABLE as	Thermoco	ouple Grade	to ANSI N	ИС96.1			Thermocouple wire i NX, EX, SX or RX. Ot available on request Thermocouple wire i delivery from stock to	her less _l s normal	popular thermo	m us for immediate

IEC colors are available on request

Stainless Steel Braided Heat Resistant PVC Insulated Wire -22°F to +220°F

- Incorporates Heat Resistant (HR) PVC suitable for use in the temperature range -22°F to +220°F
- Stainless Steel braided for mechanical protection
- Multipair wire is also available, please contact us for details



Stainless Steel Braided HR PVC Parallel Twin

One pair of **stranded** conductors. Cores HR PVC insulated. Pair laidflat. HR PVC sheathed. Stainlesssteel braided overall.

		Stock Number	A30/SSB			
RS	Wire Type (nur	nber of strands x AWG)	7x32			
CONDUCTORS	Total Wire Size	e - AWG (S = Stranded)	24\$			
NDV	Total Area (mn	n ²)	0.22			
00	Insulation		Heat Resistant PVC			
S	Number of Pair	rs	1			
PAIRS	Conductor Con	figuration	Parallel			
_	Shielded*		No			
	Insulation		Heat Resistant PVC			
	Insulation	Continuous	-22 to +220			
	Rating (°F)	Short Term	_			
_	Color Coding		Yes			
OVERALL		Abrasion Resistance	Very Good			
VE	Physical Properties	Moisture Resistance	Very Good			
		Typical Weight (lbs/1000ft) (excluding reel)	14			
	Diameter unde	r Armor (inches)	_			
	Diameter over	Armor (inches)	_			
	Overall Diamet	ter [†] (inches)	0.18"			
		Notes	Oval section. Good general purpose construction.			



Stainless Steel Braided HR PVC Twisted with Shield

One pair of **stranded** conductors. HR PVC insulated. Pair twisted, shielded with Mylar Al tape anddrain wire. HR PVC sheathed. Stainless steel braided overall.

Stairiess steer praided overall.										
A27/SSB										
7x32										
24\$										
0.22										
Heat Resistant PVC										
1										
Twisted										
Yes										
Heat Resistant PVC										
-22 to +220										
_										
Yes										
Very Good										
Very Good										
28										
_										
_										
0.16"										
Round cross section. Rejects electromagnetic and electrostatic interference.										

^{*} 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.

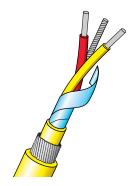
The wire constructions can also be manufactured to any other color coding requirement that you may have, but might be subject to a minimum ordering quantity. If you have any specific requirements regarding wire lengths please let us know so that we may make a satisfactory offer to meet your needs.

Color Codes available Extension Grade to ANSI MC96.1					Order Code - Example							
The Six Six Six Six Six						Stock No.	Thermo	ocouple Type		Color Code		
кх	JX	TX	NX	EX	sx	RX		A30/SSB	-	KX	-	ANSI
ALSO AVA	JJ	Thermoco	ouple Grad	e to ANSI I	MC96.1			Thermocouple wire is NX, EX, SX or RX. Oth available on request. Thermocouple wire is delivery from stock to	er less po	opular thermo	ocouple tom us for	types are

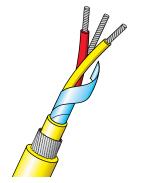
Those values are nonlineral and it entities to your appropriation, produce to quest a physical entities.

Stainless Steel Armored Heat Resistant PVC Insulated Wire -22°F to +220°F

- Incorporates Heat Resistant (HR) PVC suitable for use in the temperature range -22°F to +220°F
- Stainless Steel armored for mechanical strength
- Multipair wire is also available, please contact us for details



HR PVC Twisted Pair with Armor One pair of **solid** conductors. Cores HR PVC insulated. Pair twisted, shielded with Mylar aluminium tape and drain wire. HR PVC bedded, steel wire armored and HR PVC sheathed.



HR PVC Twisted Pair with Armor One pair of stranded conductors. Cores HR PVC insulated. Pair twisted, shielded with Mylar aluminium tape and drain wire. HR PVC bedded, steel wire armored and HR PVC sheathed.

		Stock Number	A90	A95		
RS	Wire Type (nun	nber of strands x AWG)	Solid	23x32		
CTO	Total Wire Size	e - AWG (S = Stranded)	16	198		
CONDUCTORS	Total Area (mm	2)	1.3	0.75		
00	Insulation		Heat Resistant PVC	Heat Resistant PVC		
S	Number of Pair	s	1	1		
PAIRS	Conductor Conf	figuration	Twisted	Twisted		
4	Shielded *		Yes	Yes		
	Insulation		Heat Resistant PVC	Heat Resistant PVC		
	Insulation Rating (°F)	Continuous	-22 to +220	-22 to +220		
		Short Term	_	_		
_	Color Coding		Yes	Yes		
OVERALL	Physical Properties	Abrasion Resistance	Good	Good		
VE		Moisture Resistance	Very Good	Very Good		
J		Typical Weight (Kg/100m) (excluding reel)	204	150		
	Diameter under	r Armor (inches)	0.28"	0.24"		
	Diameter over	Armor (inches)	0.35"	0.31"		
	Overall Diamet	er [†] (inches)	0.47"	0.43"		
		Notes	Round cross section. Rejects electromagnetic and electrostatic interference. Armored for mechanical strength.	Round cross section. Rejects electromagnetic and electrostatic interference. Armored for mechanical strength.		

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						0	Order Code - Example				
J×				Q×	g×			Stock No.	Ther	mocouple Type	Color Code
кх	JX	TX	NX	EX	SX	RX		A90	-	КХ	ANSI
ALSO AVAILABLE as Thermocouple Grade to ANSI MC96.1 KK JJ TT NN EE					N a	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.					

Notes



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