

# Cable assembly ordering guide

Custom cable assembly identification: **R** a - b - c - xx - d

## Connector options

a	Model	Description	
<b>b</b>	ST	Stripped and tinned	
	0	Blunt cut	
	1	Microdot 10-32 coaxial, IP50	
	1A	Microdot 10-32 coaxial, right angle, IP50	
	2 / 2F / 2T	BNC plug, IP50, male / female / twin-axial	
	M12	5 socket, molded, IP68	
	9W	4 socket, threaded, weatherproof, Bendix, IP50	
	20	LEMO, 7 pin, IP50	
	MIL-C-5015 style	6	2 socket, Amphenol, metallic, IP50
		6D2	2 pin, suitable for use in Class I Div 2/Zone 2, factory assembled
		6GD2	3 pin, suitable for use in Class I Div 2/Zone 2, factory assembled
		6GQ / 6GQI*	3 socket, high temp, Viton® B boot, IP68
		6GSL/6GSLI*	3 socket, Viton® B boot, IP67
		6Q / 6QI*	2 socket, high temp, Viton® B boot, IP68
		6QA / 6QAI*	2 socket, high temp, Viton® B boot, IP68
6QN / 6QNI*		2 socket, radiation resistant, Neoprene boot/Tefzel® insert, IP68	
6SL / 6SLI*		2 socket, Viton® B boot, IP67	
6W		2 socket, molded, IP67, factory assembled	
6WR	2 socket, molded, right angle, IP67, factory assembled		

- a Find connector that mates to sensor
- b Choose cable termination connector
- c Select compatible cable type
- xx Determine cable length (ft or m), including connectors
- d Optional: armor (A), stainless steel braid (S), safety connector (SC)



### To place a custom cable order:

+1 301 330 8811  
[info@wilcoxon.com](mailto:info@wilcoxon.com)

Don't need it customized? Visit [buy.wilcoxon.com/cables](http://buy.wilcoxon.com/cables) for standard cable assembly options.

\* I indicates electrical isolation between shield and transducer housing.

## Cable options

C	Model	Description	Max temp		Diameter		Compatible connectors
Coaxial	J3	Low noise, high temp, red Teflon® jacket	500°F	260°C	0.085 in	0.216 cm	1, 1A, 2, 6
	J5A	RG58, black PVC jacket	221°F	105°C	0.190 in	0.483 cm	2, 2F, 6, 6Q/6QI, 6SL/6SLI, 6W
	J93	RG316/U, high temp, clear Teflon® jacket	392°F	200°C	0.098 in	0.249 cm	1, 2F, 6
	J9	Grey PVC jacket	176°F	80°C	0.231 in	0.587 cm	2T, 6, 6SL/6SLI
Shielded, twisted pair	J9T	RG59, black Teflon® jacket	302°F	150°C	0.190 in	0.483 cm	2, 2F, 20, 6, 6Q/6QI, 6SL/6SLI
	J9T2	White Tefzel® jacket, radiation resistant	302°F	150°C	0.190 in	0.483 cm	6QN/6QNI
	J9T2A	Yellow Teflon® jacket	392°F	200°C	0.190 in	0.483 cm	2, 20, 6, 6D2, 6Q/6QI, 6SL/6SLI, 6W, 6WR
	J9T2AS	Yellow Teflon® jacket with stainless steel braid	392°F	200°C	0.210 in	0.533 cm	6SL/6SLI
	J9T2S	White Tefzel® jacket with stainless steel braid	302°F	150°C	0.210 in	0.533 cm	9W, 6QN, 6QNI, 6SL/6SLI
	J88	Black polyurethane jacket	176°F	80°C	0.210 in	0.533 cm	2, M12, 20, 6, 6Q/6QI, 6WR
	J10	Gray Enviroprene jacket	257°F	125°C	0.190 in	0.483 cm	2, M12, 20, 6, 6D2, 6Q/6QI, 6SL/6SLI, 6W, 6WR
Shielded, multi-conductor	J9F	Foil shield with drain wire, red Teflon® jacket	392°F	200°C	0.125 in	0.318 cm	6QA/6QAI, 6W, 6WR
	J9T3	3 conductor, white Tefzel® jacket	302°F	150°C	0.190 in	0.483 cm	6GSL/6GSLI, 6SL/6SLI
	J9T3A	3 conductor, yellow Teflon® jacket	392°F	200°C	0.190 in	0.483 cm	2, 6GD2, 6GQ/6GQI, 6GSL/6GSLI, 6SL/6SLI
	J9T4	4 conductor, red Teflon® jacket	392°F	200°C	0.190 in	0.483 cm	2, 9W, 6GSL/6GSLI, 6S/6SLI
	J9T4A	4 conductor, yellow Teflon® jacket	392°F	200°C	0.190 in	0.483 cm	9W
J84	4 conductor, black polyurethane, Kevlar reinforced	176°F	80°C	0.210 in	0.533 cm	2, M12, 20, 6, 6GQ/6GQI, 9W	

# MaxFlex® data collector cable selection

MaxFlex cables are built for usage with data collectors from SKF, CSI, and Rockwell/Entek, and are covered under lifetime warranty.

MaxFlex cable assembly identification:



e (optional): safety connector (SC)

Cable assembly	Sensor connector	Data collector	Cable type	Length	Identifier	Safety connector	Description
R							All models
	2						BNC
	6						2 pin, MIL style, metal
	6Q						2 pin, MIL style, boot
	M12						M12, 5 pin
		6D			S		SKF model CMXA 50
		15			EI		Rockwell/Entek model: Dataline™
		20			EI		Rockwell/Entek models: DataPac™ 1500, ENPAC™ 1200A/1200B
		25			C		CSI models: 2110, 2115, 2120
		25			S		SKF models: CMVA 10, 30, 40, 60
		45			C		CSI multipin Turck connector
			J88				2 conductor straight cable
			J88C				2 conductor coiled cable
			J84C				4 conductor coiled cable
				6 ft			6 ft
				10 ft			10 ft
				16 ft			16 ft
						SC	safety connector

## Examples:

- RM12-45-J84C      CSI compatible connector to Turck style connector, 16' coiled cable
- R6-25-J88C-10-C      CSI compatible connector to 2 pin MIL style connector, 10' coiled cable when extended
- R6-2-J88C-6      BNC connector to MIL style metallic connector, 6' coiled cable when extended
- R2-2-J88C-6-SC      BNC connector to BNC connector, 6' coiled cable when extended, safety connector

## Why MaxFlex® is the best:

- >> Extended life
- >> Reinforced for strength and maximum flexibility
- >> Pull tested to 100+ pounds
- >> Excellent EMI/RFI shielding



R6-25-J88C-0-C

# Mouser Electronics

Authorized Distributor

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## Amphenol:

[786T-IS](#) [R6W-0-J9F-16/5M](#) [R6W-0-J9T2A-64](#) [786LBV-7.5](#) [793-31](#) [IT053](#) [R6Q-0-J9T2A-100](#) [R6Q-0-J9T2A-112](#)  
[R6Q-0-J9T2A-16](#) [R6Q-0-J9T2A-25](#) [R6Q-0-J9T2A-32](#) [R6Q-0-J9T2A-40](#) [R6Q-0-J9T2A-50](#) [R6Q-0-J9T2A-64](#) [R6Q-0-](#)  
[J9T2AS-32](#) [R6Q-0-J9T2AS-50](#) [R6Q-0-J9T2B-20](#) [R6Q-2-J9T2A-10](#) [R6Q-2-J9T2A-16](#) [R6Q-2-J9T2A-32](#) [R6QI-0-](#)  
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[J9T2A-40](#) [R6QI-0-J9T2A-48](#) [R6QI-0-J9T2A-50](#) [R6QI-0-J9T2A-64](#) [R6QI-0-J9T2A-8](#) [SK104](#) [R6W-0-J9T2A- 16](#) [R6W-](#)  
[0-J9T2A-10](#) [R6W-0-J9T2A-32](#) [R6WR-0-J9T2A- 16](#) [R6WR-0-J9T2A-10](#) [R6WR-0-J9T2A-32](#) [R1-2-J93-10](#) [R4-4M-J9-](#)  
[10](#) [R4M-22-J9B-10](#) [R6Q-0-J9T2A-15M](#) [6H](#) [6HD2](#) [6HI](#) [R2-2-J88C-6](#) [R6W-0-J9F-16](#) [R6W-0-J9F-32](#) [R6W-0-J9F-64](#)  
[R6W-0-J9T2AS-16](#) [R6W-0-J9T2AS-32](#) [R6W-0-J9T2AS-64](#) [R6WR-0-J9T2A-64](#) [RM12-ST-J10-10](#) [RM12-ST-J10-32](#)