

Cable assembly ordering guide

Custom cable assembly identification:

R a - b - c - xx - d

Connector options

| a | Model | Description | |
|-------------|--|---|--|
| 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
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Don't need it customized? Visit 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