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|  | PRODUCT CATEGORY: |
| | READOUTS + DATA LOGGERS |



Cables



RST Instruments Ltd. offers a variety of cables that can be effectively matched to any instrument that requires a signal cable. RST uses Meter Marked Cable for a majority of our instruments that require a signal cable such as those used in Vibrating Wire Piezometers, Load/Pressure Cells, Crack Meters, Joint Meters, etc. In the unfortunate event of the cable being accidentally severed, the meter cable markings can be cross-referenced with the calibration record.



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|---|---|----------------------------|---|------------------------|
|  | EL380002 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Abrasion-resistant polyurethane jacket. | · Single Point Thermistors | 2 (1 twisted pair), 24 AWG (0.20 mm ²) | 5.33 mm (0.210 in.) |

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|---|--|--|--|------------------------|
|  | EL380004 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Standard vibrating wire cable, abrasion-resistant polyurethane jacket. | · Vibrating Wire Piezometers and most other VW instruments · Strain Gauge Load Cells · MEMS In-place Inclinometers · MEMS Tilt Meters & Beams | 4 (2 twisted pairs), 22 AWG (0.33 mm ²) | 6.35 mm (0.250 in.) |

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|---|--|--|--|--|------------------------|
|  |  | EL380004HDL | USED FOR | CONDUCTORS | DIAM. O.D. |
| | | Heavy Duty Cable with a thick polyurethane jacket mold for added protection. | Direct burial of surface cable for: · Vibrating Wire Piezometers and most other VW instruments · MEMS In-place Inclinometers · MEMS Tilt Meters & Beams | 4 (2 twisted pairs), 22 AWG (0.33 mm ²) | 9.52 mm (0.375 in.) |

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|---|---|--|------------------|--|------------------------|
|  |  | EL380004K | USED FOR | CONDUCTORS | DIAM. O.D. |
| | | Kevlar® reinforced, non-stretch polyurethane jacketed cable for rigorous installations where the stretching of the cable is a concern. | · VW Piezometers | 4 (2 twisted pairs), 22 AWG (0.33 mm ²) | 6.35 mm (0.250 in.) |



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|---|---|--------------------------------|---|--|-------------------------|
|  |  | EL370004 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | | Thin polyurethane jacket mold. | · VW Rebar Strain Meters · VW Embedment Strain Gauges · VW Arc Weldable Strain Gauges | 4 (2 twisted pairs), 24 AWG (0.20 mm ²) | 4.76 mm (0.1875 in.) |



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|---|---|-----------------|--|--|------------------------|
|  |  | EL342202 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | | HDPE jacket. | · Used in acidic applications (leachate) and land fills · Saltwater | 4 (2 twisted pairs), 22 AWG (0.33 mm ²) | 6.35 mm (0.250 in.) |



*NOTE: IMAGES ARE NOT SHOWN TO SIZE; VIEW SPECIFICATIONS FOR ACTUAL DIAMETERS. Contact RST for complete details on exact specifications and suitable applications.



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|---|--|-----------------------------------|--|--|
|   | EL35VT04 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Vented polyurethane cable for barometric compensation; Kevlar® reinforced. | · Low-Pressure Vented Transducers | 4 (2 twisted pairs), 22 AWG (0.33 mm ²) | 7.92 mm (0.312 in.) (jacket) 3.17 mm (0.125 in.) OD (vent tube) |

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|---|---|--|--|------------------------|
|   | EL380006 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Water blocked, polyurethane jacket. Grease blocked. | · In-Place Tiltmeters (analog biaxial) · Strain Gauge Analog Piezometer with Thermistor · Push-In Pressure Cells · Thermistor Strings | 6 (3 twisted pairs), 22 AWG (0.33 mm ²) | 6.35 mm (0.250 in.) |

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|---|----------------------|--|--|------------------------|
|   | EL360008 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Polyurethane jacket. | · MPBX Heads · VW Load Cells · Remote multiplexer connection cable to logger · Thermistor Strings | 8 (4 twisted pairs), 20 AWG (0.52 mm ²) | 8.13 mm (0.320 in.) |

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|---|--|---|---|-------------------------|
|   | EL380012 | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Kevlar® reinforced, polyurethane jacket. Grease blocked. | · Thermistor Strings and VW Piezometer Strings · VW Load Cells · MPBX Heads | 12 (6 twisted pairs), 24 AWG (0.20 mm ²) | 10.54 mm (0.415 in.) |

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|---|----------------------|---|--|-------------------------|
|   | EL380007P | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Polyurethane jacket. | · Thermistor Strings and VW Piezometer Strings · VW Load Cells · MPBX Heads | 14 conductors (7 pairs), 22 AWG (0.33 mm ²) | 9.84 mm (0.3875 in.) |

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|---|--|---|--|-------------------------|
|   | EL380013P | USED FOR | CONDUCTORS | DIAM. O.D. |
| | Kevlar® reinforced, polyurethane jacket. Grease blocked. | · Thermistor Strings and VW Piezometer Strings · VW Load Cells · MPBX Heads | 26 (13 twisted pairs), 24 AWG (0.20 mm ²) | 10.88 mm (0.425 in.) |

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