

	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.

	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.)

	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 Inclinerometers · MEMS Tilt Meters & Beams	4 (2 twisted pairs), 22 AWG (0.33 mm ²)	6.35 mm (0.250 in.)

	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 Inclinerometers · MEMS Tilt Meters & Beams	4 (2 twisted pairs), 22 AWG (0.33 mm ²)	9.52 mm (0.375 in.)

	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.)



	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.)



	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.



Cables



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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)

 	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.)

 	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.)

 	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.)

 	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.)

 	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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