

Digital Temperature Cable | Make measurements easy.

Trusted for the toughest environmental and infrastructure monitoring jobs out there. beadedstream Digital Temperature Cables (DTC)s are perfect for wet, dry, and freezing applications. All-digital design means you have freedom to choose your favorite way to move measurement data. Did we mention *custom* comes standard?



SPECIFICATIONS

Length	<ul style="list-style-type: none"> ● Up to 450 m (1500 ft) (<i>call if your application is longer</i>)
Diameter	<ul style="list-style-type: none"> ● Sensor nodes = 11.0 mm (0.44-inch) ● Sensor cable = 7.0 mm (0.28-inch)
Sensor Range	<ul style="list-style-type: none"> ● -55°C to +125°C (-67°F to +257°F)
Sensor Accuracy	<ul style="list-style-type: none"> ● ±0.1°C from -10°C to 30°C (14°F to 86°F)
Sensor Resolution	<ul style="list-style-type: none"> ● ±0.063°C
Outer Jacket & Node Construction	<ul style="list-style-type: none"> ● Polyurethane for low-temperature flexibility ● Optional armored feature for proven resistance to wildlife ● UV stabilized. Cut and abrasion resistant
Colors	<ul style="list-style-type: none"> ● High-vis yellow (standard), white (optional), or gray (armored)
Tensile Load Member	<ul style="list-style-type: none"> ● Straight-laid aramid fibers built-in for 250 lb tensile strength
Number of sensors	<ul style="list-style-type: none"> ● Maximum 125 sensors
Sensor Spacing	<ul style="list-style-type: none"> ● Made to order. Unlimited spacing options ● Minimum spacing 10 cm (4 in) ● Closer spacing available (<i>please inquire</i>)
Termination options	<ul style="list-style-type: none"> ● 3-pin field XLR series ● 3 bare leads for terminal blocks (e.g. 3rd party data loggers)