

# DIGITAL TEMPERATURE CABLE (DTC)

FULLY CUSTOM  
TEMPERATURE READINGS



SCAN FOR MORE



Increase the ease of obtaining temperature for your environmental or infrastructure operations with the Digital Temperature Cable from **beadedstream**.

# DIGITAL TEMPERATURE CABLE



## SPECIFICATIONS

<b>Custom Length</b>	<ul style="list-style-type: none"><li>Up to 750 m (2460 ft) (call if your application is longer)</li></ul>
<b>Custom Sensor Options</b>	<ul style="list-style-type: none"><li>Up to 125 sensors (call if your application is more)</li><li>Made to order sensor placements. Unlimited spacing options</li><li>Standard minimum spacing 10 cm (4 in)</li><li>Closer spacing available (please inquire)</li></ul>
<b>Sensor Range</b>	<ul style="list-style-type: none"><li>-55°C to +125°C (-67°F to +257°F)</li></ul>
<b>Sensor Accuracy</b>	<ul style="list-style-type: none"><li>±0.1°C from -10°C to 30°C (14°F to 86°F)</li></ul>
<b>Sensor Resolution</b>	<ul style="list-style-type: none"><li>±0.063°C</li></ul>
<b>Outer Jacket &amp; Node Construction</b>	<ul style="list-style-type: none"><li>Low-temperature flexibility polyurethane jacket</li><li>Optional armored feature for proven resistance to wildlife</li><li>UV stabilized. Cut and abrasion resistant</li><li>IP68</li></ul>
<b>Colors</b>	<ul style="list-style-type: none"><li>High-vis yellow (standard), white (optional), or gray (armored)</li></ul>
<b>DTC Diameter</b>	<ul style="list-style-type: none"><li>Sensor cable = 7.0 mm (0.28-inch)</li><li>Sensor nodes = 11.0 mm (0.44-inch)</li><li>DTC diameter does not change with the number of sensors</li></ul>
<b>Tensile Load Member</b>	<ul style="list-style-type: none"><li>250 lb (113.4 kg) tensile strength with straight-laid aramid fibers built-in</li></ul>
<b>Termination Options</b>	<ul style="list-style-type: none"><li>4-pin Raymo Connector</li><li>3-4 bare leads for terminal blocks (e.g. 3rd party data loggers)</li></ul>