DIGITAL TEMPERATURE CABLE (DTC)
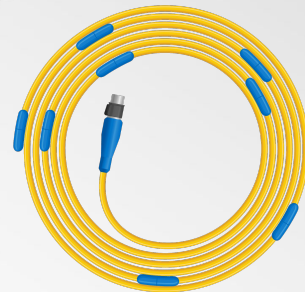
FULLY CUSTOM TEMPERATURE READINGS

SCAN FOR MORE

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

DIGITAL TEMPERATURE CABLE

SPECIFICATIONS

Custom Length
- Up to 750 m (2460 ft)   (call if your application is longer)

Custom Sensor Options
- Up to 125 sensors (call if your application is more)
- Made to order sensor placements. Unlimited spacing options
- Standard minimum spacing 10 cm (4 in)
- Closer spacing available (please inquire)

Sensor Range
- -55°C to +125°C (-67°F to +257°F)

Sensor Accuracy
- ±0.1°C from -10°C to 30°C (14°F to 86°F)

Sensor Resolution
- ±0.063°C

Fluid Pressure Rating
- 3.5 MPa / 500 psi

Outer Jacket & Node Construction
- Low-temperature flexibility polyurethane jacket
- Optional armored feature for proven resistance to wildlife
- UV stabilized. Cut and abrasion resistant
- IP68

Colors
- High-vis yellow (standard), white (optional), or gray (armored)

DTC Diameter
- Sensor cable = 7.0 mm (0.28-inch)
- Sensor nodes = 11.0 mm (0.44-inch)
- DTC diameter does not change with the number of sensors

Tensile Load Member
- 113.4 kg (250 lb) tensile strength with straight-laid aramid fibers built-in

Termination Options
- 4-pin Raymo Connector
- 3-4 bare leads for terminal blocks (e.g. 3rd party data loggers)