

# Amergraph Cable

## WATER FLOW

### General Description

This cable is commonly used for stream gauging. It is a **double purpose cable** which is specially constructed to permit the suspension in the stream of the current meter and heavy Columbus weights, and at the same time provide a medium through which the meter signals are carried to a counting device.

The Amergraph Cable consists of an insulated inner core of 6 copper and 6 stainless steel wires wound to the left, whilst the outer strands consist of 15 galvanised wires wound to the right. Alternatively a single

galvanised wire tape cable can be used for supporting the weight and meter and acting as a return wire whilst an additional external bell type wire is then required as the other leg of the circuit.

### Applications

The Amergraph Cable is especially suitable for

- Suspending the current meter and Columbus pattern weight in the stream
- Providing a medium to conduct current meter signals to a current meter revolution counter



### Technical Specifications

<b>Inner core</b>	6 copper and 6 stainless steel wires, insulated
<b>Outer strands</b>	15 galvanised wires
<b>Breaking Strain</b>	<ul style="list-style-type: none"><li>■ 2.5 mm diameter: 3 kN</li><li>■ 3.2 mm diameter: 5 kN</li></ul>

#### HyQuest Solutions Australia

✉ sales@hyquestsolutions.com.au

🌐 www.hyquestsolutions.com

#### HyQuest Solutions New Zealand

✉ sales@hyquestsolutions.co.nz

🌐 www.hyquestsolutions.com

#### HyQuest Solutions Europe

✉ info@hyquestsolutions.eu

🌐 www.hyquestsolutions.eu