

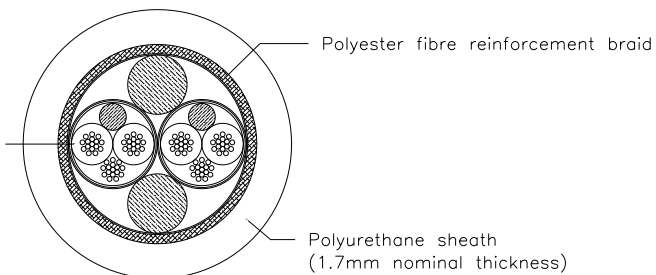
# Fibron

## Fibron Cable Data Sheet

### Communication Cable

DCS0001

2 off STP's comprising 2 x polyethylene insulated 0.5mm plain copper conductors, overall screen comprising polyester/aluminium laminate tape, tinned copper drain wire



### Weights, dimensions & mechanical characteristics

Outside diameter	11	mm
Weight in air	120	kg/km
Weight in sea water (Assuming sea water density = 1,026 kg/m <sup>3</sup> )	22.5	kg/km
Density	1,261	kg/km
Minimum bend radius (static)	75	mm
Minimum bend radius (dynamic)	110	mm
Minimum break strength	4.9	kN

### Electrical characteristics

0.5mm <sup>2</sup> STP	Conductor resistance @ 20°C	41.5 Ω/Km (maximum)
	Resistance (core – core)	500 MΩ/Km (minimum)
	Resistance (core – screen)	250 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)