

Fibron

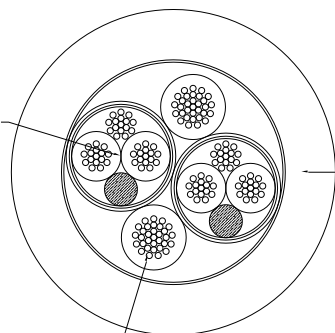
Fibron Cable Data Sheet

Comms / Diver Monitoring Cable

DCS0012

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

2 off polyethylene insulated 0.5mm plain copper conductors



Polyurethane sheath
(1.8mm nominal thickness)

Weights, dimensions & mechanical characteristics

Outside diameter	10.5	mm
Weight in air	119	kg/km
Weight in sea water (Assuming sea water density = 1,026 kg/m ³)	30.5	kg/km
Density	1,375	kg/km
Minimum bend radius (static)	70	mm
Minimum bend radius (dynamic)	105	mm
Minimum break strength		n/a

Electrical characteristics

0.5mm ² Single Cores	Conductor resistance @ 20°C	41.0 Ω/Km (maximum)
	Resistance (core – core)	1,000 MΩ/Km (minimum)
	Resistance (core – screen)	500 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)
0.5mm ² STP	Conductor resistance @ 20°C	41.0 Ω/Km (maximum)
	Resistance (core – core)	1,000 MΩ/Km (minimum)
	Resistance (core – screen)	500 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)