

Fibron

Fibron Cable Data Sheet

Signal / Diver Monitoring Cable

DCS0018

1 off STP comprising 1.0mm
polyethylene insulated plain copper



Weights, dimensions & mechanical characteristics

Outside diameter	6.7	mm
Weight in air	55.5	kg/km
Weight in sea water (Assuming sea water density = 1,026 kg/m ³)	19	kg/km
Density	1,563	kg/km
Minimum bend radius (static)	45	mm
Minimum bend radius (dynamic)	65	mm
Minimum break strength		n/a

Electrical characteristics

1.0mm ² STP	Conductor resistance @ 20°C	19.0 Ω/Km (maximum)
	Resistance (core – core)	500 MΩ/Km (minimum)
	Resistance (core – screen)	250 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)

