

Fibron

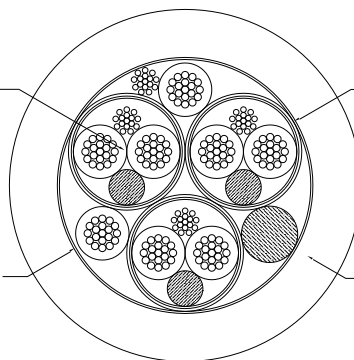
Fibron Cable Data Sheet

Video/Comms Cable

DCS0013

3 off STP's comprising 2 x polyethylene insulated 1.0mm plain copper conductors, overall screen comprising polyester/aluminium laminate tape, tinned copper drain wire

2 off polyethylene insulated 1.0mm plain copper conductors



Overall screen comprising polyester/aluminium laminate tape, tinned copper drain wire

Polyurethane sheath (1.8mm nominal thickness)

Weights, dimensions & mechanical characteristics

Outside diameter	12.5	mm
Weight in air	200.5	kg/km
Weight in sea water (Assuming sea water density = 1,026 kg/m ³)	74.5	kg/km
Density	1,632	kg/km
Minimum bend radius (static)	85	mm
Minimum bend radius (dynamic)	130	mm
Minimum break strength	n/a	

Electrical characteristics

1.00mm ² Single Cores	Conductor resistance @ 20°C	20.5 Ω/Km (maximum)
	Resistance (core – core)	1,000 MΩ/Km (minimum)
	Resistance (core – screen)	500 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)
1.00mm ² STP	Conductor resistance @ 20°C	20.5 Ω/Km (maximum)
	Resistance (core – core)	1,000 MΩ/Km (minimum)
	Resistance (core – screen)	500 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)