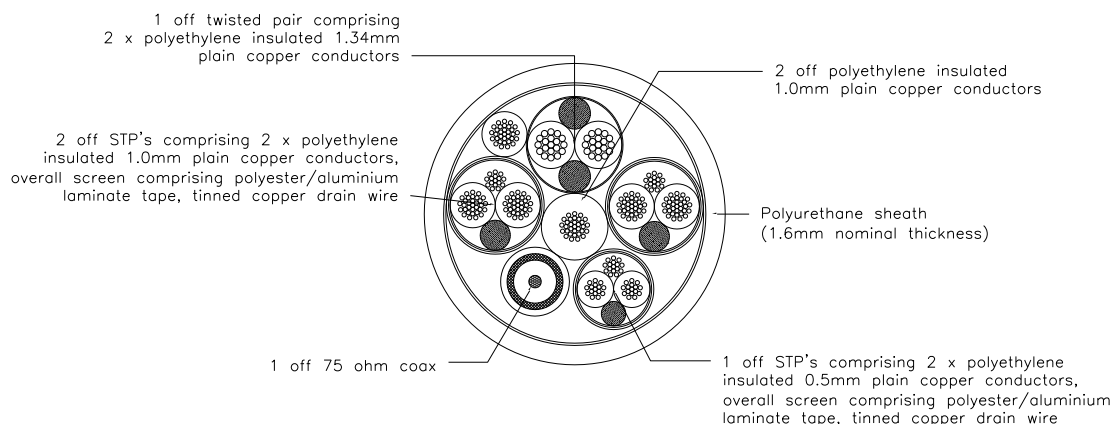


Fibron Cable Data Sheet

Comms / Video Cable

DCS0014



Weights, dimensions & mechanical characteristics

Outside diameter	14	mm
Weight in air	270	kg/km
Weight in sea water (Assuming sea water density = 1,026 kg/m³)	111.5	kg/km
Density	1,750	kg/km
Minimum bend radius (static)	90	mm
Minimum bend radius (dynamic)	135	mm
Minimum break strength	n/a	

Electrical characteristics

1.34mm² TP	Conductor resistance @ 20°C	15.2 Ω/Km (maximum)
	Resistance (core – core)	500 MΩ/Km (minimum)
	Resistance (core – screen)	250 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)
0.5mm² STP	Conductor resistance @ 20°C	41.8 Ω/Km (maximum)
	Resistance (core – core)	500 MΩ/Km (minimum)
	Resistance (core – screen)	250 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)
1.00mm² STP	Conductor resistance @ 20°C	20.5 Ω/Km (maximum)
	Resistance (core – core)	500 MΩ/Km (minimum)
	Resistance (core – screen)	250 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)
1.00mm² Single Core	Conductor resistance @ 20°C	20.5 Ω/Km (maximum)
	Resistance (core – core)	500 MΩ/Km (minimum)
	Resistance (core – screen)	250 MΩ/Km (minimum)
	Operating voltage	500 V (maximum)
Mini Coax	Conductor resistance (inner) @ 20°C	149.0 Ω/Km (maximum)
	Conductor resistance (outer) @ 20°C	36.5 Ω/Km (maximum)
	Impedance	75 Ω