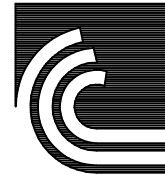


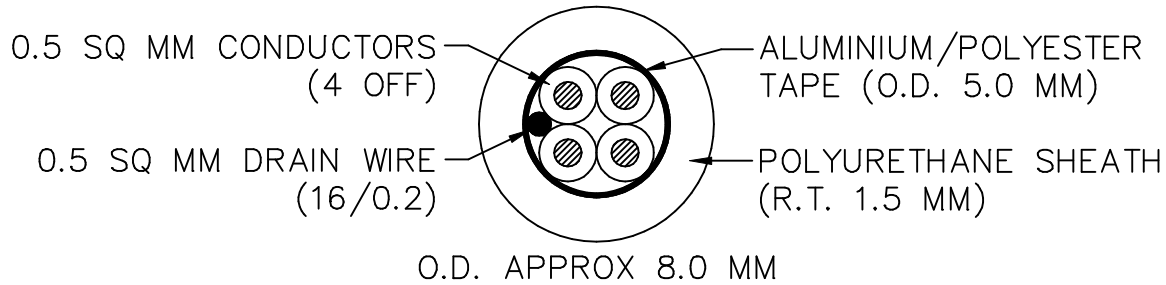
Hydrocable Systems Ltd.
 Unit 2A, Woodside Road
 Bridge Of Don
 Aberdeen
 Scotland
 AB2 8EF



HYDROCABLE
 SYSTEMS

Telephone; 0224 706611
 Fax ; 0224 706006

Data Sheet



1.0 DESCRIPTION : 0.5 SQ MM TWISTED SCREENED QUAD

2.0 CONSTRUCTION : 4 cores (0.5 sq mm, 16/0.2, Medium Density Polyethylene Insul.) and a 0.5 sq mm drain wire (16/0.2) are twisted together and bound in aluminium/polyester tape. A wrap of polyester tape is then applied and a polyurethane sheath is extruded over the tape to the finished diameter of 8.0 mm (Radial thickness of 1.5 mm).

3.0 PHYSICAL DETAILS : (Approx)

Overall diameter of finished cable	8.0 mm
Laid up diameter of cable	5.0 mm
Radial thickness of pur sheath	1.5 mm
Weight of cable in air	72 Kg/Km
Weight of cable in seawater	21 Kg/Km
Min. recommended bend radius :	
Static	120 mm
Dynamic	160 mm
Max. continuous length	1500 Metres

4.0 ELECTRICAL CHARACTERISTICS :

Max. conductor resistance	40.1 ohms/km
Spark test voltage	6 Kv
Working voltage	750 Volts
Insulation resistance core to core	>500 Megohms
Insulation resistance core to shield	>100 Megohms

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HARSH ENVIRONMENT & SPECIAL CABLE MANUFACTURERS