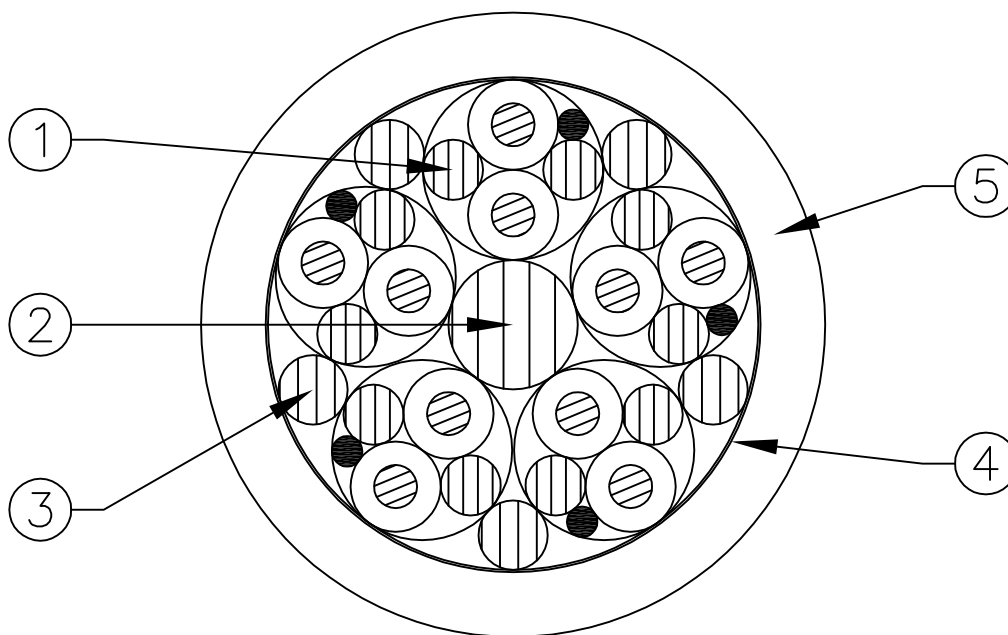


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CABLE ATTRIBUTES	APPROX.
OVERALL DIAMETER	13.5 mm
RADIAL THICKNESS OF OUTER SHEATH	1.5 mm
LAI D UP DIAMETER OF CABLE	10.5 mm
WEIGHT OF CABLE IN AIR (APPROX.)	210 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	63 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C
MAXIMUM CONDUCTOR TEMPERATURE	60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	200 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	270 mm
MAXIMUM CONTINUOUS LENGTH	2700 m
MAXIMUM WORKING PRESSURE	1650 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	5	0.5 mm ² TWISTED SCREENED PAIR (MEDIUM DENSITY POLYETHYLENE INSULATION)
2	1	4.2 mm DIAMETER FILLER (POLYPROPYLENE MATERIAL)
3	5	1.85 mm DIAMETER FILLER (POLYPROPYLENE MATERIAL)
4	A/R	POLYESTER TAPE
5	A/R	ZERO HALOGEN FLAME RETARDANT MUD RESISTANT POLYURETHANE SHEATH (R.T. 1.5 mm)




O.D. 13.5 mm ±0.5 mm

DESCRIPTION :

5 TWISTED SCREENED PAIRS (0.5 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 1.5 mm)

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ELECTRICAL CHARACTERISTICS	0.5 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	40.1 Ω/km
VOLTAGE RATING U _o /U _m	500 V AC
ROUTINE TEST VOLTAGE	2 kV AC/ 3 kV DC
TEST VOLTAGE DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	5 kV
CURRENT RATING @ 35°C	3 A
INSULATION RESISTANCE 15-35°C @ 500 V DC	> 1000 MΩ/km

				"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE				 HYDROCABLE SYSTEMS Ltd HYDRO HOUSE, CLAYMORE AVENUE, ABERDEEN EMERGY PARK, BRIDGE OF DON, ABERDEEN, SCOTLAND, AB23 8GW TEL: +44 (0)1224 706611 FAX: +44 (0)1224 706066 e-mail: sales@hydrohouse.co.uk web site: http://www.hydrogroup.plc.uk				
				CUSTOMER ISSUE NOTIFICATION:- NO								
				CUSTOMER NAME. N/A				TITLE 5 T.S.P. S (0.5 mm ²) + POLYURETHANE SHEATH				
				CUSTOMER REF. No. N/A								
				REFERENCE DOCUMENTATION								
10	9929	NEW TEMPLATE, UPDATE DESIGN	I.S.	22.04.15	S.M.	A.S.						
09	5214	ADD PERFORMANCE RECORDS	K.M.	15.01.09	D.H.	C.G.						
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS	ACTIVE	DRG. No.	CS 009	SHEET 01 OF 04	ISSUE 10