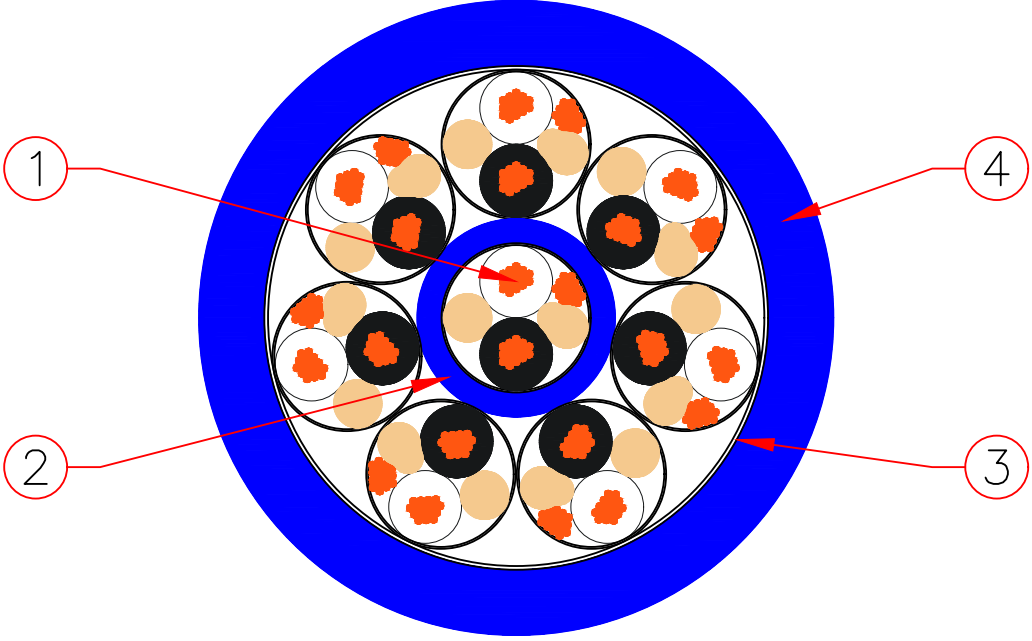


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CABLE ATTRIBUTES	APPROX.
OVERALL DIAMETER	17.0 mm
RADIAL THICKNESS OF OUTER SHEATH	1.75 mm
LAID UP DIAMETER OF CABLE	13.5 mm
DIAMETER OVER FILLER JACKET	5.3 mm
RADIAL THICKNESS OF FILLER JACKET	0.65 mm
DIAMETER OF FIRST CABLE RUN	4.0 mm
WEIGHT OF CABLE IN AIR (APPROX.)	305 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	77 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C
MAXIMUM CONDUCTOR TEMPERATURE	60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	260 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	350 mm
MAXIMUM CONTINUOUS LENGTH	500 m
MAXIMUM WORKING PRESSURE	1650 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	8	0.5 mm <sup>2</sup> TWISTED SCREENED PAIR (MEDIUM DENSITY POLYETHYLENE INSULATION)
2	A/R	POLYURETHANE FILLER JACKET (O.D. 5.3 mm)
3	A/R	POLYESTER TAPE
4	A/R	POLYURETHANE SHEATH (R.T. 1.75 mm)




O.D. 17.0 mm ±0.5 mm ▲

DESCRIPTION :

8 TWISTED SCREENED PAIRS (0.5 mm<sup>2</sup>, MEDIUM DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 1.75 mm)

ELECTRICAL CHARACTERISTICS	0.5 mm <sup>2</sup>
MAX CONDUCTOR RESISTANCE @ 20°C	40.1 Ω/km
VOLTAGE RATING U <sub>0</sub> /U(U <sub>m</sub> )	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	6 A
INSULATION RESISTANCE 15-35°C @ 500 V DC	> 312 MΩ/km

				<b>"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE</b>		 <p><b>HYDROCABLE SYSTEMS Ltd</b>                  HYDRO HOUSE, CLAYMORE AVENUE, ABERDEEN ENERGY 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</p>						
				CUSTOMER ISSUE NOTIFICATION:- NO								
				CUSTOMER NAME. N/A								
				CUSTOMER REF. No. N/A								
07	9960	NEW TEMPLATE, ELECTRICAL VALUES	I.S.	07.05.15	S.M.	A.S.	TITLE 8 T.S.P. S (0.5 mm <sup>2</sup> ) + P/U SHEATH					
06	8737	PRODUCTION RECORD + TEXT FORMAT	I.S.	21.11.13	M.G.	A.S.						
05	6370	NEW BORDER, TOLERANCE	M.G.	23.07.10	I.S.	A.P.						
04	N/A	N/A	N.M.	18.02.98	N/A	S.B.						
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS	<b>ACTIVE</b>	DRG. No.	CS 0011	SHEET 01 OF 04	ISSUE 07