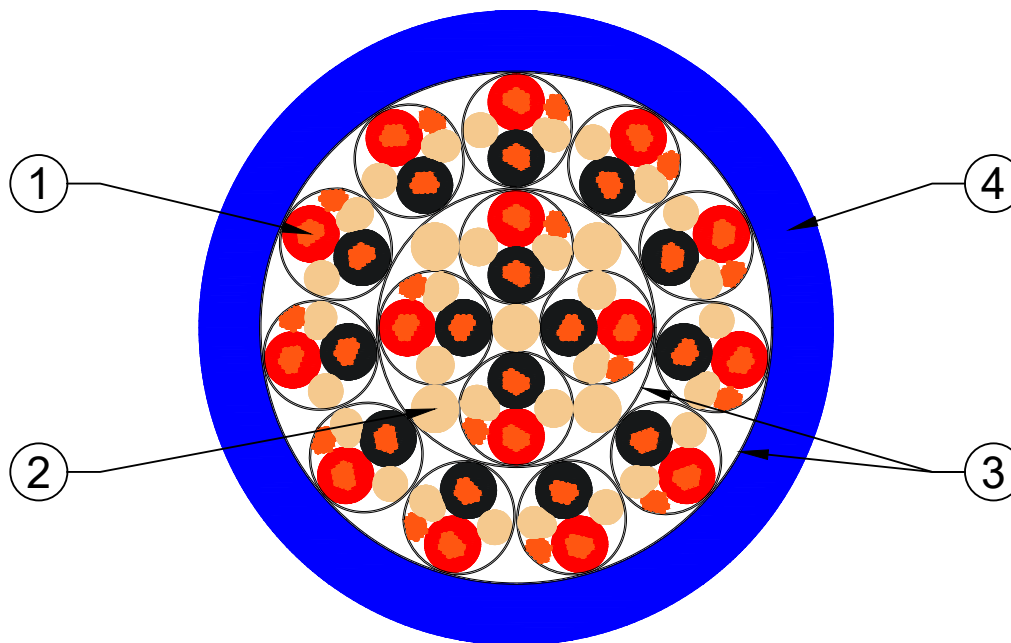


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CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	22.0 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	2.1 mm
NOMINAL LAID UP DIAMETER OF CABLE	17.8 mm
NOMINAL DIAMETER OF 1st CABLE RUN	9.7 mm
WEIGHT OF CABLE IN AIR (APPROX.)	511 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	121 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	131 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MAXIMUM CONDUCTOR TEMPERATURE	70 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	176 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	264 mm
MAXIMUM CONTINUOUS LENGTH	450 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	9500 PSI

ITEM	QTY.	DESCRIPTION
1	15	0.5 mm <sup>2</sup> TWISTED SCREENED PAIR (M.D.P.E. INSULATION)
2	5	1.55 mm DIAMETER FILLER (POLYPROPYLENE MATERIAL)
3	A/R	POLYESTER TAPE
4	A/R	POLYURETHANE SHEATH (R.T. 2.1 mm)




O.D. 22.0 mm ±1.0 mm

DESCRIPTION :

15 TWISTED SCREENED PAIRS (0.5 mm<sup>2</sup>, MEDIUM DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 2.1 mm)

ELECTRICAL CHARACTERISTICS	
CORE CROSS SECTIONAL AREA	0.5 mm <sup>2</sup>
MAX CONDUCTOR RESISTANCE @ 20°C	40.1 Ω/km
VOLTAGE RATING	500 V AC
ROUTINE TEST VOLTAGE	2 kV AC/ 3 kV DC
VOLTAGE TEST DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	5 kV
CURRENT RATING IN FREE AIR @ 30°C	6 A
INSULATION RESISTANCE 20°C @ 500 V DC	> 312 MΩ.km

				"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE				 <b>HYDROCABLE SYSTEMS Ltd</b> HYDRO HOUSE, CLAYMORE AVENUE, ABERDEEN ENERGY PARK, BRIDGE OF DON, ABERDEEN, SCOTLAND, AB23 8GW TEL: +44 (0)1224 825050 FAX: +44 (0)1224 825142 e-mail: sales@hydrogroup.plc.uk web site: http://www.hydrogroupplc.com	
				CUSTOMER ISSUE NOTIFICATION:-					
12	13591	ADD PRODUCTION RECORDS, UPDATE CS	I.S.	25.07.19	S.M.	R.Z.	CUSTOMER NAME	N/A	
11	11708	PRESSURE TEST RESULTS ADDED	S.M.	27.04.17	I.S.	D.H.	CUSTOMER REF. No.	N/A	
10	10798	PRODUCTION RECORDS UPDATE	S.M.	31.03.16	I.S.	R.Z.	REFERENCE DOCUMENTATION		
09	9960	NEW TEMPLATE, DESIGN UPDATE	I.S.	27.05.15	S.M.	A.S.			
08	5589	NEW BORDER, PRODUCTION RECORDS	M.G.	22.06.09	K.M.	I.S.			
07	5563	TOLERANCE ADDED	M.G.	03.06.09	C.F.	I.S.			
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS	ACTIVE	
							DRG. No.	CS 276	
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TITLE

15 T.S.P. S (0.5 mm<sup>2</sup>) + P/U SHEATH

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