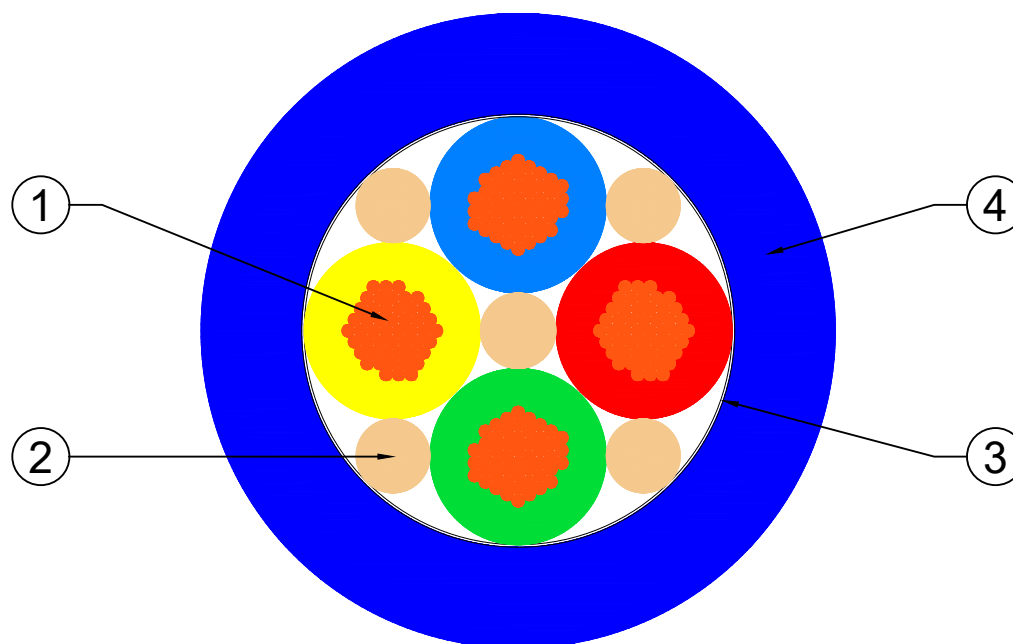


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CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	12.6 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	2.0 mm
NOMINAL LAID UP DIAMETER OF CABLE	8.6 mm
WEIGHT OF CABLE IN AIR (APPROX.)	200 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	72 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	75 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MAXIMUM CONDUCTOR TEMPERATURE	70 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	101 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	151 mm
MAXIMUM CONTINUOUS LENGTH	3000 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	2500 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	4	2.5 mm ² TINNED COPPER CONDUCTOR (MEDIUM DENSITY POLYETHYLENE INSULATION)
2	5	1.55 mm DIAMETER FILLER (POLYPROPYLENE MATERIAL)
3	A/R	POLYESTER TAPE
4	A/R	POLYURETHANE SHEATH (R.T. 2.0 mm)




O.D. 12.6 mm ±0.5 mm

DESCRIPTION :

4 TINNED COPPER CONDUCTORS (2.5 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 2.0 mm)

ELECTRICAL CHARACTERISTICS	
CORE CROSS SECTIONAL AREA	2.5 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	8.21 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	6 kV
CURRENT RATING IN FREE AIR @ 30°C	25 A
INSULATION RESISTANCE 20°C @ 500 V DC	> 222 MΩ.km

NO.	REV.	DESCRIPTION	DATE	BY	CHKD	APPD	STATUS	TITLE
14	13591	REVISE DESIGN, ADD PRODUCTION RECORDS	25.07.19	S.M.	R.Z.		"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE	 HYDROCABLE SYSTEMS Ltd 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
13	11204	ADD PRODUCTION RECORDS	14.09.16	S.M.	I.S.	A.S.	CUSTOMER ISSUE NOTIFICATION:- NO	
12	10666	WEIGHT RECORDS	04.02.16	S.M.	I.S.	A.S.	CUSTOMER NAME. N/A	
11	9960	DESIGN UPDATE	20.05.15	S.M.	I.S.	A.S.	CUSTOMER REF. No. N/A	
10	8034	ADD PRODUCTION RECORDS	20.09.12	M.G.	I.S.	D.B.	REFERENCE DOCUMENTATION	
09	7996	REVERT TO INDIVIDUAL COMPONENTS	22.08.12	M.G.	I.S.	A.S.		
08	5782	REMOVE COLOUR CHART	18.11.09	C.F.	I.S.	D.H.		
07	5354	ADD PRODUCTION RECORDS	30.04.09	M.G.	C.F.	I.S.		
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS	DRG. No.
							ACTIVE	CS 021
								SHT 01 OF 05
								ISSUE 14



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TITLE

4 CORES (2.5 mm²) + P/U SHEATH

DRG. STATUS

ACTIVE

DRG. No.

CS 021

SHT 01 OF 05

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