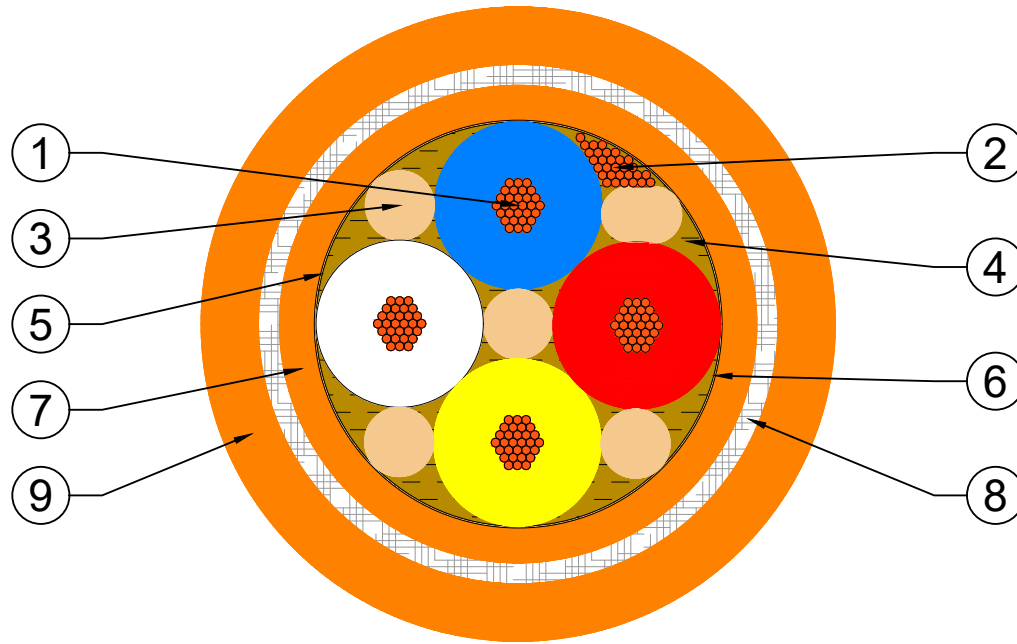


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CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	18.2 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	1.7 mm
NOMINAL DIAMETER OVER BRAID	14.8 mm
NOMINAL DIAMETER OVER INNER SHEATH	13.7 mm
NOMINAL RADIAL THICKNESS OF INNER SHEATH	1.0 mm
NOMINAL LAID UP DIAMETER OF CABLE	11.7 mm
WEIGHT OF CABLE IN AIR (APPROX.)	403 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	136 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	143 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 80 °C
MAXIMUM CONDUCTOR TEMPERATURE	90 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	182 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	273 mm
MAXIMUM CONTINUOUS LENGTH	1500 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	2500 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	4	1.5 mm <sup>2</sup> E.P.R. INSULATED CONDUCTOR
2	1	1.5 mm <sup>2</sup> DRAIN WIRE
3	5	2.1 mm DIAMETER P.P. FILLER
4	A/R	WATER BLOCKING COMPOUND
5	A/R	ALUMINIUM / POLYESTER TAPE
6	A/R	POLYESTER TAPE
7	A/R	POLYURETHANE INNER SHEATH (R.T. 1.0 mm)
8	A/R	GALVANISED STEEL WIRE BRAID
9	A/R	POLYURETHANE SHEATH (R.T. 1.7 mm)




O.D. 18.2 mm ±0.5 mm

**DESCRIPTION :**

4 CORES (1.5 mm<sup>2</sup>, CLASS 5 STRANDED TINNED COPPER, ETHYLENE PROPYLENE RUBBER INSULATION) + WATER BLOCKING COMPOUND + COLLECTIVE SCREEN (ALUMINIUM TAPE + 1.5 mm<sup>2</sup>, CLASS 5 STRANDED TINNED COPPER DRAIN WIRE) + POLYURETHANE INNER SHEATH (RADIAL THICKNESS 1.0 mm) + GALVANISED STEEL WIRE BRAID + POLYURETHANE SHEATH (RADIAL THICKNESS 1.7 mm)

ELECTRICAL CHARACTERISTICS	
CORE CROSS SECTIONAL AREA	1.5 mm <sup>2</sup>
MAX CONDUCTOR RESISTANCE @ 20°C	13.7 Ω/km
VOLTAGE RATING U <sub>0</sub> /U <sub>m</sub>	0.6/1.0 (1.2) kV AC
ROUTINE TEST VOLTAGE	3.5 kV AC/ 8.4 kV DC
VOLTAGE TEST DURATION	5 MINUTES
AC SPARK TEST VOLTAGE	12 kV
CURRENT RATING IN FREE AIR @ 30°C	25 A
INSULATION RESISTANCE 20°C @ 500 V DC	> 1751 MΩ.km

NO.	REV.	DESCRIPTION	DATE	CHKD	APPD	STATUS	DRG. No.	TITLE	SHT OF	ISSUE	
14	13529	BRAIDING SETUP REVIEW	23.07.19	S.M.	I.S.	A.S.	"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	01	14	
13	11004	PRODUCTION RECORDS UPDATE	17.06.16	S.M.	I.S.	A.S.	CUSTOMER ISSUE NOTIFICATION:-		NO	06	
12	8758	PRODUCTION RECORDS UPDATE	04.12.13	I.S.	M.G.	D.H.	CUSTOMER NAME		N/A		
11	7674	PRODUCTION RECORDS UPDATE	20.03.12	M.G.	I.S.	D.B.	CUSTOMER REF. No.		N/A		
10	8092	COLOUR CHART ADDED	25.03.10	M.G.	I.S.	D.H.	REFERENCE DOCUMENTATION		DS 3563		
09	5925	FILLER MATERIAL CHANGED	01.03.10	C.F.	I.S.	I.S.					
08	5542	CONSTRUCTION REVIEWED	12.05.09	C.F.	R.M.	D.H.					
07	5454	PRODUCTION RECORDS UPDATE	10.03.09	M/G/	I.S.	D.H.	DRG. STATUS		ACTIVE		
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD					
							DRG. No.		CS 911		