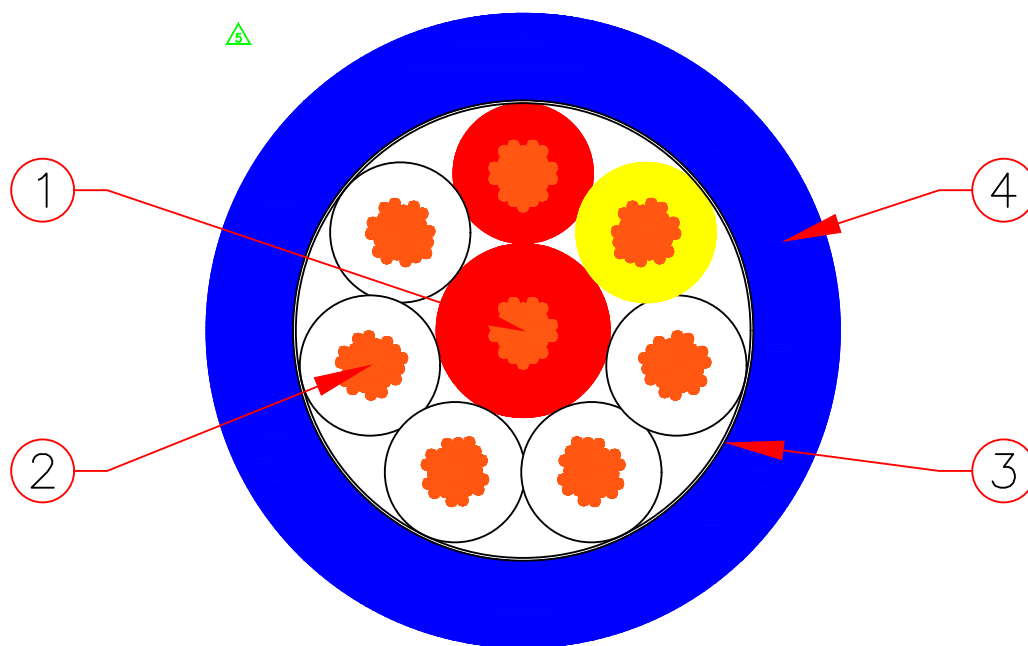


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CABLE ATTRIBUTES	APPROX.
OVERALL DIAMETER	11.3 mm
RADIAL THICKNESS OF OUTER SHEATH	1.5 mm
LAI D UP DIAMETER OF CABLE	8.3 mm
WEIGHT OF CABLE IN AIR (APPROX.)	163 kg/km <span style="color: green;">▲</span>
WEIGHT OF CABLE IN SEAWATER (APPROX.)	57 kg/km
WEIGHT OF CABLE IN FRESH WATER (APPROX.)	60 kg/km <span style="color: green;">▲</span>
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C
MAXIMUM CONDUCTOR TEMPERATURE	60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	170 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	225 mm
MAXIMUM CONTINUOUS LENGTH	1500 m
MAXIMUM WORKING PRESSURE	3000 PSI <span style="color: green;">▲</span>

ITEM	QTY.	DESCRIPTION
1	1	1.0 mm <sup>2</sup> CONDUCTOR (MEDIUM DENSITY POLYETHYLENE INSULATION)
2	7	1.0 mm <sup>2</sup> CONDUCTOR (MEDIUM DENSITY POLYETHYLENE INSULATION)
3	A/R	POLYESTER TAPE
4	A/R	POLYURETHANE SHEATH (R.T. 1.5 mm)



O.D. 11.3 mm ±0.5 mm ▲

DESCRIPTION :

8 CONDUCTORS (1.0 mm<sup>2</sup>, MEDIUM DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 1.5 mm)

ELECTRICAL CHARACTERISTICS	1.0 mm <sup>2</sup> (CENTRAL) <span style="color: green;">▲</span>	1.0 mm <sup>2</sup> <span style="color: green;">▲</span>
MAX CONDUCTOR RESISTANCE @ 20°C	20.0 Ω/km	20.0 Ω/km
VOLTAGE RATING	500 V AC	500 V AC
ROUTINE TEST VOLTAGE	2 kV AC/ 3 kV DC	2 kV AC/ 3 kV DC
TEST VOLTAGE DURATION	1 MINUTE	1 MINUTE
AC SPARK TEST VOLTAGE	7 kV	6 kV
CURRENT RATING @ 35°C	11 A	11 A
INSULATION RESISTANCE 15-35°C @ 500 V DC	> 1325 MΩ/km	> 267 MΩ/km

				"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE				HYDROCABLE SYSTEMS Ltd	
				CUSTOMER ISSUE NOTIFICATION:- NO				HYDRO HOUSE, CLAYMORE AVENUE, ABERDEEN ENERGY PARK, BRIDGE OF DON, ABERDEEN, SCOTLAND, AB23 8GW	
				CUSTOMER NAME. N/A				TEL: +44 (0)1224 825050 FAX: +44 (0)1224 825142	
				CUSTOMER REF. No. N/A				e-mail: sales@hydrogroup.plc.uk	
				REFERENCE DOCUMENTATION				web site: http://www.hydrogroupplc.com	
				TITLE				8 CORES (1.0 mm <sup>2</sup> ) + POLYURETHANE SHEATH	
08	11213	TEST RECORDS UPDATE	S.M.	21.09.16	I.S.	D.H.			
07	9960	NEW TEMPLATE, UPDATE DESIGN	I.S.	07.05.15	S.M.	A.S.			
06	7780	PRODUCTION RECORDS UPDATE	M.G.	04.05.15	I.S.	D.B.			
05	6370	DRG AMENDMENTS, ADD TOLERANCE	M.G.	23.07.10	I.S.	A.P.			
04	5589	BORDER AND PRODUCTION RECORDS	M.G.	22.06.09	K.M.	I.S.			
03	N/A	N/A	N.B.	07.05.92	N/A	G.B.			
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS	ACTIVE	DRG. No. CS 0013
								SHEET 01	ISSUE 08
								OF 04	