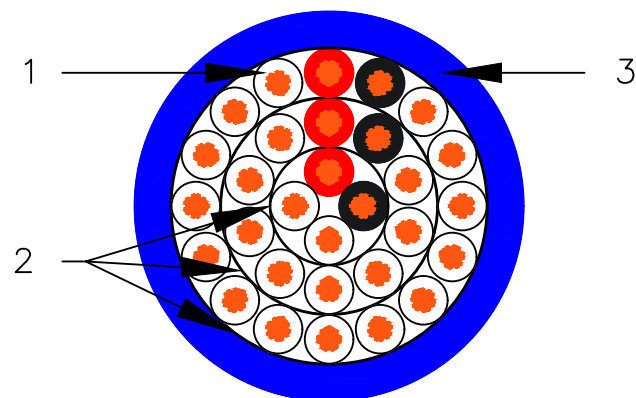


PHYSICAL DETAILS : (Approx)

OVERALL DIAMETER OF FINISHED CABLE	20.0 MM
LAI D UP DIAMETER OF CABLE	16.2 MM
LAI D UP INNER BUNDLE DIAMETER	6.1 MM
LAI D UP MIDDLE BUNDLE DIAMETER	11.1 MM
RADIAL THICKNESS OF PUR SHEATH	1.9 MM
WEIGHT OF CABLE IN AIR (APPROX.)	543 KG/KM
WEIGHT OF CABLE IN SEAWATER (APPROX.)	216 KG/KM
MIN. RECOMMENDED BEND RADIUS :	
STATIC	160 MM
DYNAMIC	240 MM
MAX. CONTINUOUS LENGTH:	1200 METRES

ITEM	QTY.	DESCRIPTION
1	30	1.0 SQ MM CONDUCTOR
2	A/R	POLYESTER TAPE
3	A/R	Z-HAL FL RET POLYURETHANE SHEATH



O.D. APPROX 20.0 MM ± 0.5 mm

CONSTRUCTION :

4 cores (1.0 sq mm, M.D.P.E. Insul.) are twisted together and bound in a wrap of polyester tape. 10 cores (1.0 sq mm, M.D.P.E. Insul.) are twisted around the central bundle and bound in a wrap of polyester tape. 16 cores (1.0 sq mm, M.D.P.E. Insul.) are twisted around the bundle and bound in polyester tape. A Zero Halogen Flame Retardent Polyurethane sheath is extruded over the bundle to the finished diameter of 20.0 mm (R.T. 1.9 mm).



ELECTRICAL CHARACTERISTICS	1.0 SQ MM
CONDUCTOR RESISTANCE	20.0ohm/km
WORKING VOLTAGE	500 volts
TEST VOLTAGE	2kVAC / 3kVDC
SPARK TEST VOLTAGE	6 kV
INSULATION RESISTANCE CORE TO CORE	> 1000 MΩ/km
PRESSURE RATING	1250 PSI

					"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE		HYDROCABLE SYSTEMS Ltd		
					CUSTOMER ISSUE NOTIFICATION:- NO		HYDRO HOUSE, CLAYMORE AVENUE, ABERDEEN SCIENCE AND ENERGY PARK, BRIDGE OF DON, ABERDEEN, SCOTLAND, AB23 8GW		
					CUSTOMER NAME. N/A		TEL: +44 (0)1224 706611 FAX: +44 (0)1224 706066		
					CUSTOMER REF. No. N/A		e-mail: sales@hydrohouse.co.uk		
					REFERENCE DOCUMENTATION		web site: http://www.hydrogroup.plc.uk		
					TITLE		30 CORES (1.0 SQ MM)		
05	8987	NEW PERFORMANCE RECORD	S.K.	17/04/14	I.S.	S.M.			
04	5589	NEW BORDER & PERFORMANCE INFO ADDED	M.G.	22/06/09	K.M.	I.S.			
03	890	N/A	J.R.	19/02/02	N/A	D.M.			
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