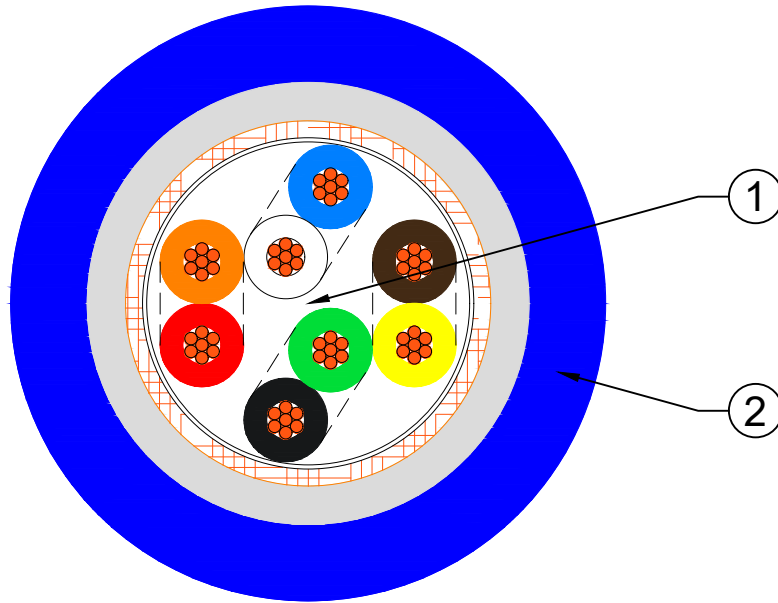


CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	7.0 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	0.95 mm
NOMINAL DIAMETER OF CAT 5E	5.1 mm
WEIGHT OF CABLE IN AIR (APPROX.)	56 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	16 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	17 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	56 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	84 mm
MAXIMUM CONTINUOUS LENGTH	900 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	2500 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	1	CAT 5e S/UTP CABLE
2	A/R	POLYURETHANE OUTER SHEATH (R.T. 0.95 mm)




**O.D. 7.0 mm ±0.5 mm**

**DESCRIPTION :**

1 CAT 5e S/UTP CABLE (4 TWISTED PAIRS, 26 AWG, TINNED COPPER WIRE BRAID SCREEN) +  
POLYURETHANE OUTER SHEATH (RADIAL THICKNESS 0.95 mm)

ELECTRICAL CHARACTERISTICS	CAT 5e
LOOP RESISTANCE	220 Ω/km
MUTUAL CAPACITANCE	45 pF/m
IMPEDANCE @ 100 MHz	100 Ω ±5%
ATTENUATION @ 100 MHz	3.0 dB/10m
ATTENUATION @ 300 MHz	5.8 dB/10m
NEXT @ 100 MHz	42 dB
PS NEXT @ 100 MHz	39 dB
ACR-N @ 100 MHz	39 dB/10m
PS ACR-N @ 100 MHz	36 dB/10m
ACR-F @ 100 MHz	60 dB/10m
PS ACR-F @ 100 MHz	57 dB/10m
RETURN LOSS	28 dB

HYDRO GROUP RESERVE THE RIGHT TO CHANGE CONSTRUCTION, COLOUR CODING OR ANY NON-ESSENTIAL COMPONENTS WITHOUT PRIOR NOTICE

				"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:- NO						
				CUSTOMER NAME. N/A						
				CUSTOMER REF. No. N/A						
				REFERENCE DOCUMENTATION				TITLE 1 CAT 5e S/UTP CABLE + POLYURETHANE SHEATH		
				ENQ No. 34235 SK 6351 ISS01 JOB No. 06/9926						
02	12317	PRODUCTION RECORDS	S.M.	05.12.17	I.S.	D.H.	<b>DRG. STATUS</b> <b>ACTIVE</b>	<b>DRG. No.</b> <b>CS 6351</b>	SHT 01 OF 05	ISSUE 02
01	11951	FIRST ISSUE	S.M.	20.06.17	I.S.	D.H.				
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD				