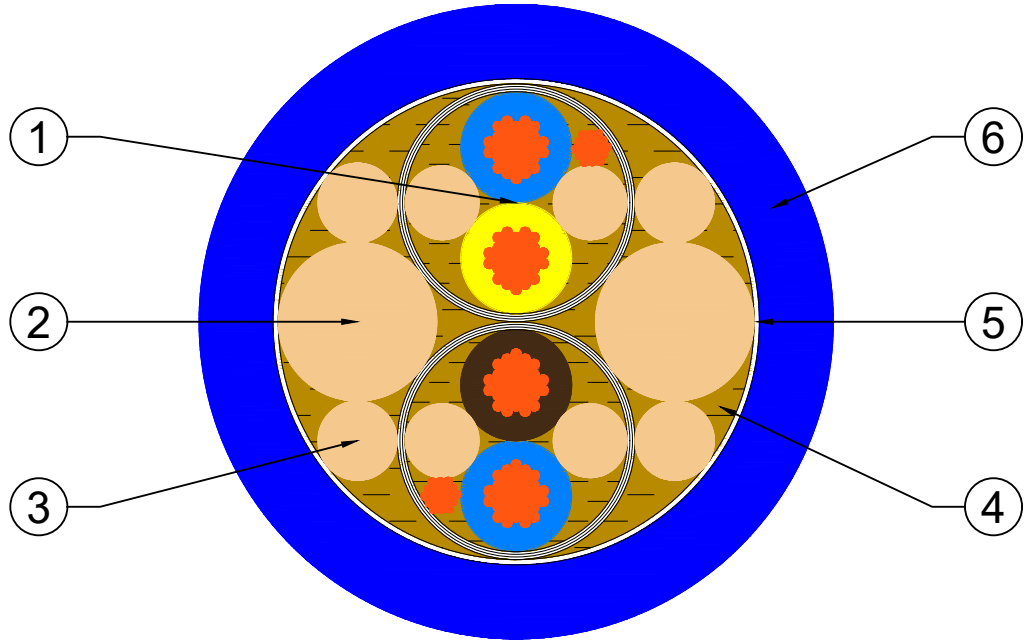


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CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	12.0 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	1.4 mm
NOMINAL LAID UP DIAMETER OF CABLE	9.2 mm
WEIGHT OF CABLE IN AIR (APPROX.)	174 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	49 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	52 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MAXIMUM CONDUCTOR TEMPERATURE	70 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	96 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	144 mm
MAXIMUM CONTINUOUS LENGTH	2000 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	10000 PSI

ITEM	QTY.	DESCRIPTION
1	2	1.0 mm ² TWISTED SCREENED WATERBLOCKED PAIR (M.D.P.E. INSULATION)
2	2	2.5 mm DIAMETER FILLER (P.V.C. MATERIAL)
3	4	1.5 mm DIAMETER FILLER (P.V.C. MATERIAL)
4	A/R	WAX WATERBLOCK COMPOUND
5	A/R	WATERBLOCKING TAPE
6	A/R	POLYURETHANE SHEATH (R.T. 1.4 mm)



O.D. 12.0 mm +0.0/ -0.5 mm

DESCRIPTION :

2 TWISTED SCREENED WATER BLOCKED PAIRS (1.0 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + WAX WATER BLOCKING COMPOUND + WATER BLOCKING TAPE + POLYURETHANE SHEATH (RADIAL THICKNESS 1.4 mm)

ELECTRICAL CHARACTERISTICS	
CORE CROSS SECTIONAL AREA	1.0 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	20.0 Ω/km
VOLTAGE RATING	300 V AC
ROUTINE TEST VOLTAGE	1 kV AC/ 2 kV DC
VOLTAGE TEST DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	5 kV
CURRENT RATING IN FREE AIR @ 30°C	11 A
INSULATION RESISTANCE 20°C @ 500 V DC	> 192 MΩ.km

				"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE			
				CUSTOMER ISSUE NOTIFICATION:- NO			
				CUSTOMER NAME. N/A			
				CUSTOMER REF. No. N/A			
08	13529	UPDATE DESIGN, COLOUR TEMPLATE	I.S.	17.06.19	S.D.	A.S.	REFERENCE DOCUMENTATION
07	11409	PRODUCTION RECORDS UPDATE	S.M.	01.12.16	I.S.	D.H.	
06	9929	NEW TEMPLATE, UPDATE DESIGN	S.M.	30.04.15	M.G.	A.S.	
05	5325	AMEND TAPE TYPE + PRODUCTION RECORDS	M.Y.	16.12.08	D.H.	C.G.	
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	

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TITLE		2 T.S.P. S (1.0 mm ²) + WATERBLOCK + P/U SHEATH	
DRG. No.	CS 345ZH	SHT OF	01 OF 05
DRG. STATUS	ACTIVE	ISSUE	08