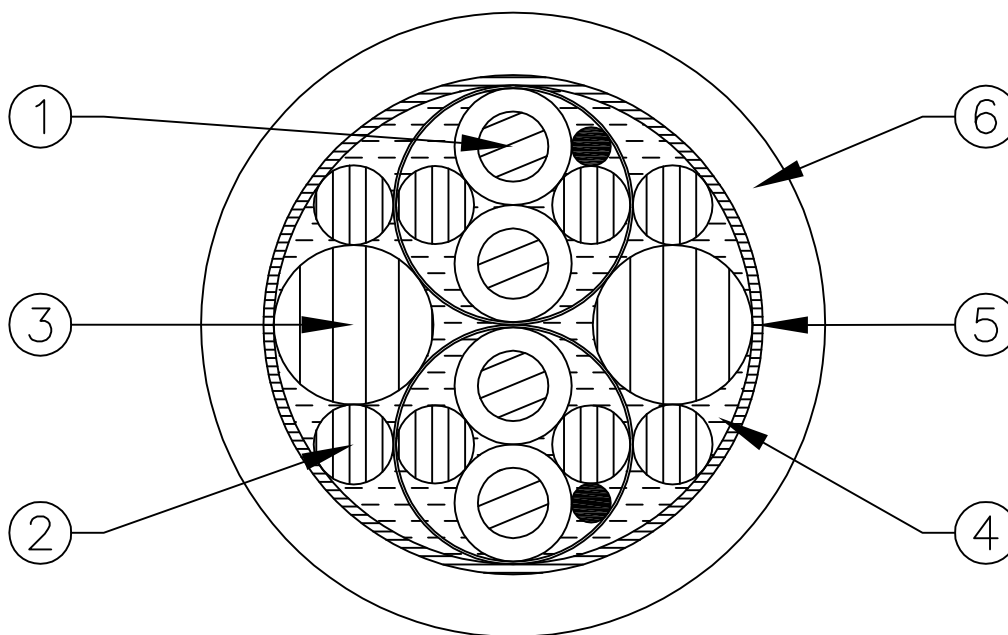


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CABLE ATTRIBUTES	APPROX.
OVERALL DIAMETER	12.0 mm
RADIAL THICKNESS OF OUTER SHEATH	1.4 mm
LAI D UP DIAMETER OF CABLE	9.2 mm
WEIGHT OF CABLE IN AIR (APPROX.)	158 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	42 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C
MAXIMUM CONDUCTOR TEMPERATURE	60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	96 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	144 mm
MAXIMUM CONTINUOUS LENGTH	2000 m
MAXIMUM WORKING PRESSURE	1650 PSI (TBC)

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

ELECTRICAL CHARACTERISTICS	6
MAX CONDUCTOR RESISTANCE @ 20°C	1.0 mm ²
VOLTAGE RATING	20.0 Ω/km
ROUTINE TEST VOLTAGE	300 V AC
TEST VOLTAGE DURATION	1 kV AC/ 2 kV DC
AC SPARK TEST VOLTAGE	1 MINUTE
CURRENT RATING @ 35°C	5 kV
INSULATION RESISTANCE 15-35°C @ 500 V DC	11 A
	> 1000 MΩ/km

"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE			
CUSTOMER ISSUE NOTIFICATION:-	NO		
CUSTOMER NAME.	N/A		
CUSTOMER REF. No.	N/A		
REFERENCE DOCUMENTATION			
06	9929	NEW TEMPLATE, UPDATE DESIGN	S.M.30.04.15 M.G. A.S.
05	5325	CHANGE TAPE FROM POROUS TO WB & ADD PERFORMANCE 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 mm²) + WATERBLOCK + WATERBLOCK TAPE + P/U SHEATH

DRG. STATUS **ACTIVE**

DRG. No. CS 345 ZH

SHEET 01 OF 04

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