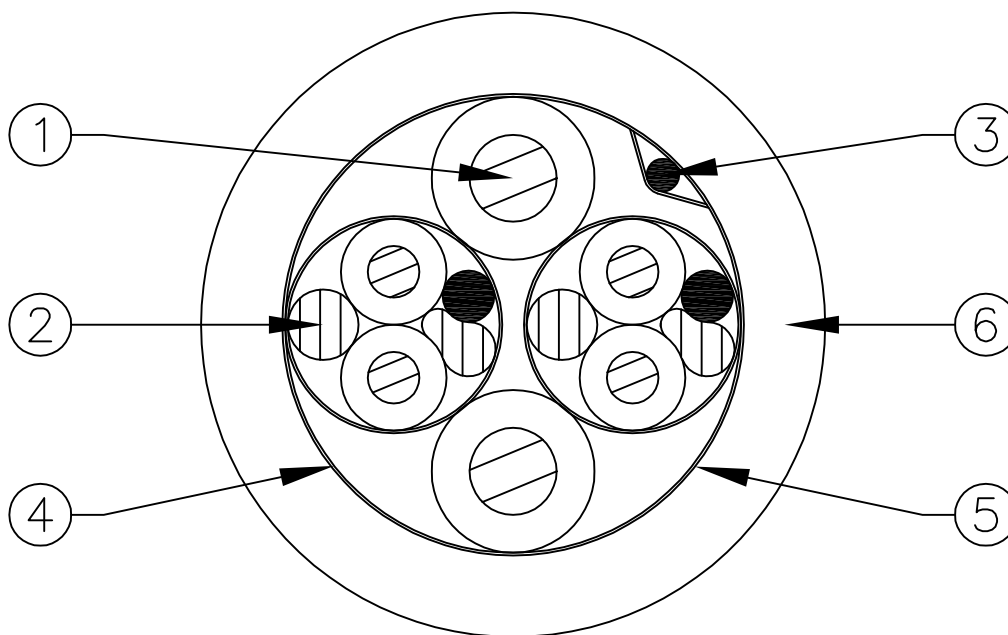


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CABLE ATTRIBUTES	APPROX.
OVERALL DIAMETER	11.5 mm
RADIAL THICKNESS OF OUTER SHEATH	1.5 mm
LAI D UP DIAMETER OF CABLE	8.5 mm
WEIGHT OF CABLE IN AIR (APPROX.)	149 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	42 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C
MAXIMUM CONDUCTOR TEMPERATURE	60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	92 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	138 mm
MAXIMUM CONTINUOUS LENGTH	2500 m
MAXIMUM WORKING PRESSURE	1650 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	2	1.5 mm ² CONDUCTOR (MEDIUM DENSITY POLYETHYLENE INSULATION)
2	2	0.5 mm ² TWISTED SCREENED PAIR (MEDIUM DENSITY POLYETHYLENE INSULATION)
3	1	0.22 mm ² TINNED COPPER DRAIN WIRE
4	A/R	POLYESTER TAPE
5	A/R	ALUMINIUM/ POLYESTER TAPE
6	A/R	POLYURETHANE SHEATH (R.T. 1.5 mm)



O.D. 11.5 mm ±0.5 mm

DESCRIPTION :

2 CONDUCTORS (1.5 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + 2 TWISTED SCREENED PAIRS (0.5 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + OVERALL SCREEN + POLYURETHANE SHEATH (R.T. 1.5 mm)

ELECTRICAL CHARACTERISTICS	1.5 mm ²	0.5 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	13.7 Ω/km	40.1 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	6 kV	5 kV
CURRENT RATING @ 35°C	14 A	6 A
CAPACITANCE (CORE TO CORE)	N/A	72 pF/m
CAPACITANCE (CORE TO SCREEN)	N/A	146 pF/m
INSULATION RESISTANCE 15-35°C @ 500 V DC	> 1000 MΩ/km	> 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



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TITLE
 2 CORES (1.5 mm²) +
 2 T.S.P. S (0.5 mm²) + O/A SCREEN +
 P/U SHEATH

05	9929	NEW TEMPLATE, UPDATE DESIGN	I.S.	23.04.15	S.M.	A.S.
04	7554	PERFORMANCE RECORDS	M.G.	15.12.11	I.S.	C.P.
03	5354	PERFORMANCE RECORDS + TEMPLATE	M.G.	01.05.09	C.F.	I.S.
02	N/A	N/A	N.M.	04.10.96	N/A	P.A.
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD

DRG. STATUS
ACTIVE

DRG. No. CS 589

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