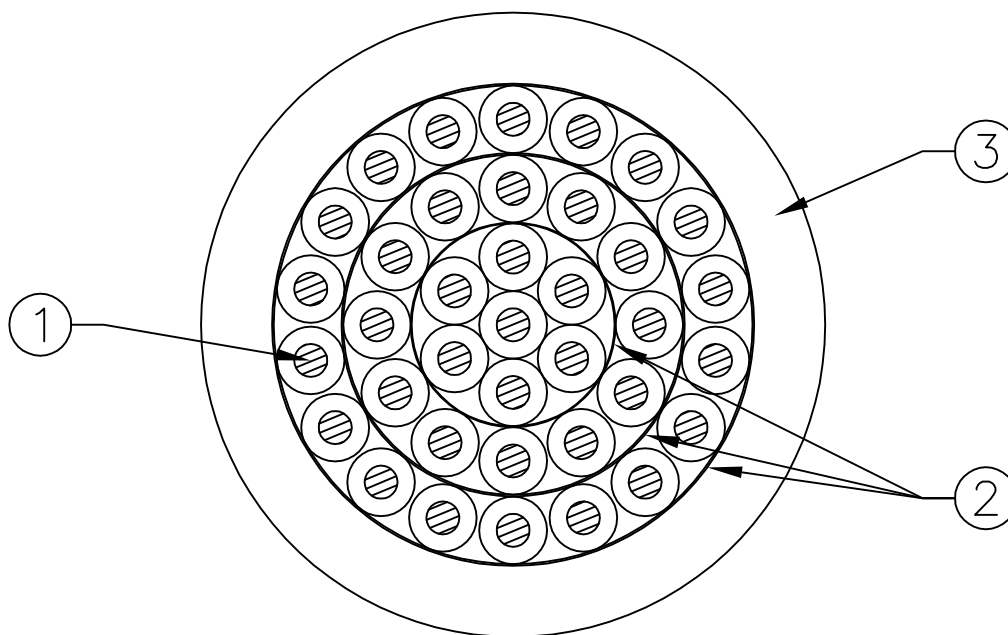


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CABLE ATTRIBUTES	APPROX.
OVERALL DIAMETER	18.0 mm
RADIAL THICKNESS OF OUTER SHEATH	2.05 mm
LAI D UP DIAMETER OF CABLE	13.9 mm
DIAMETER OF SECOND CABLE RUN	9.9 mm
DIAMETER OF FIRST CABLE RUN	5.9 mm
WEIGHT OF CABLE IN AIR (APPROX.)	390 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	129 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C
MAXIMUM CONDUCTOR TEMPERATURE	60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	144 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	216 mm
MAXIMUM CONTINUOUS LENGTH	2500 m
MAXIMUM WORKING PRESSURE	1650 PSI (TBC) <sup>5</sup>

ITEM	QTY.	DESCRIPTION
1	37	0.5 mm <sup>2</sup> CONDUCTOR (MEDIUM DENSITY POLYETHYLENE INSULATION)
2	A/R	POLYESTER TAPE
3	A/R	POLYURETHANE SHEATH (R.T. 2.05 mm)



O.D. 18.0 mm ±0.5 mm

DESCRIPTION :

37 CONDUCTORS (0.5 mm<sup>2</sup>, MEDIUM DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 2.05 mm)

ELECTRICAL CHARACTERISTICS	0.5 mm <sup>2</sup>
MAX CONDUCTOR RESISTANCE @ 20°C	40.1 Ω/km
VOLTAGE RATING	500 V AC
ROUTINE TEST VOLTAGE	2 kV AC/ 3 kV DC
TEST VOLTAGE DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	5 kV
CURRENT RATING @ 35°C	3 A
INSULATION RESISTANCE 15-35°C @ 500 V DC	> 1000 MΩ/km

"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE					
05	9929	NEW TEMPLATE, UPDATE DESIGN	I.S.	22.04.15	S.M. A.S.
04	5454	PERFORMANCE RECORD UPDATED	M.G.	10.03.09	I.S. D.H.
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD APPD



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TITLE
37 CORES (0.5 mm <sup>2</sup> ) + POLYURETHANE SHEATH
DRG. No. CS 360
STATUS ACTIVE
SHEET 01 OF 04
ISSUE 05