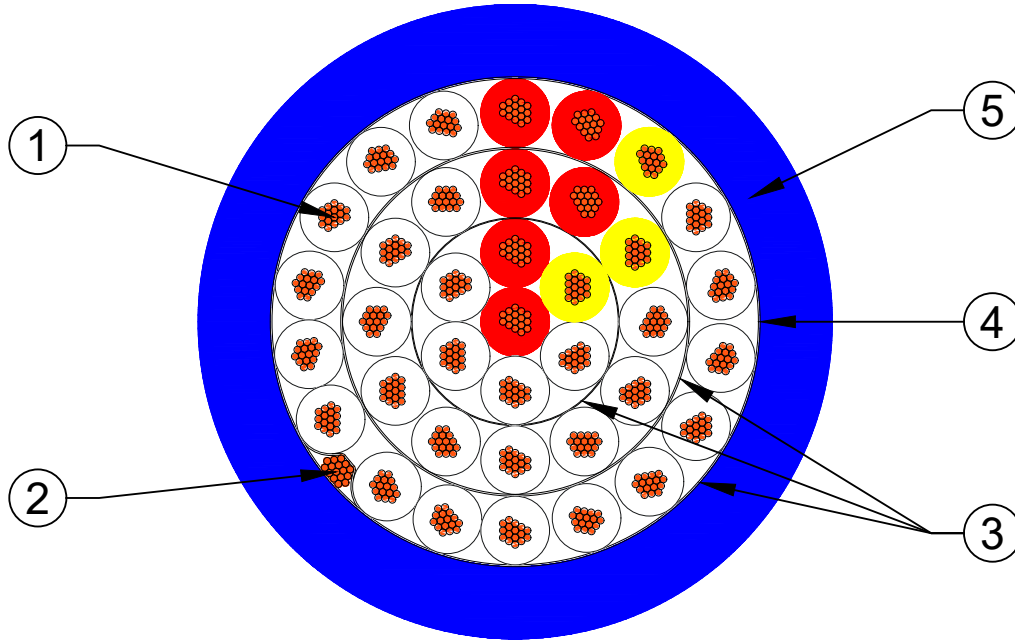


CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	18.0 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	2.05 mm
NOMINAL LAID UP DIAMETER OF CABLE	13.9 mm
NOMINAL DIAMETER OF 2nd CABLE RUN	9.9 mm
NOMINAL DIAMETER OF 1st CABLE RUN	5.9 mm
WEIGHT OF CABLE IN AIR (APPROX.)	400 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	139 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	145 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MAXIMUM CONDUCTOR TEMPERATURE	70 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	144 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	216 mm
MAXIMUM CONTINUOUS LENGTH	2500 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	2500 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	37	0.5 mm ² TINNED COPPER CONDUCTOR (H.D.P.E. INSULATION)
2	1	0.5 mm ² TINNED COPPER DRAIN WIRE
3	A/R	POLYESTER TAPE
4	A/R	ALUMINIUM/ POLYESTER TAPE
5	A/R	POLYURETHANE SHEATH (R.T. 2.05 mm)



O.D. 18.0 mm ±0.5 mm

DESCRIPTION :

37 TINNED COPPER CONDUCTORS (0.5 mm², HIGH DENSITY POLYETHYLENE INSULATION) + OVERALL SCREEN + POLYURETHANE SHEATH (R.T. 2.05 mm)

ELECTRICAL CHARACTERISTICS

CORE CROSS SECTIONAL AREA	0.5 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	40.1 Ω/km
VOLTAGE RATING U ₀ /U _m	500 V AC
ROUTINE TEST VOLTAGE	2 kV AC/ 3 kV DC
VOLTAGE TEST DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	5 kV
CURRENT RATING IN FREE AIR @ 30°C	3 A
INSULATION RESISTANCE 20°C @ 500 V DC	> 312 MΩ.km

"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE

CUSTOMER ISSUE NOTIFICATION:- NO
 CUSTOMER NAME: N/A
 CUSTOMER REF. No. N/A

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ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS
07	13529	NEW TEMPLATE, UPDATE DESIGN	I.S.	19.06.19	S.D.	R.Z.	REFERENCE DOCUMENTATION
06	10881	SCREEN REINSTATED	S.M.	21.04.16	I.S.	R.Z.	
05	9929	NEW TEMPLATE, UPDATE DESIGN	I.S.	22.04.15	S.M.	A.S.	
04	5454	PRODUCTION RECORDS UPDATE	M.G.	10.03.09	I.S.	D.H.	

TITLE
 37 CORES (0.5 mm²) + O/A SCREEN + P/U SHEATH

DRG. No. **CS 360**

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