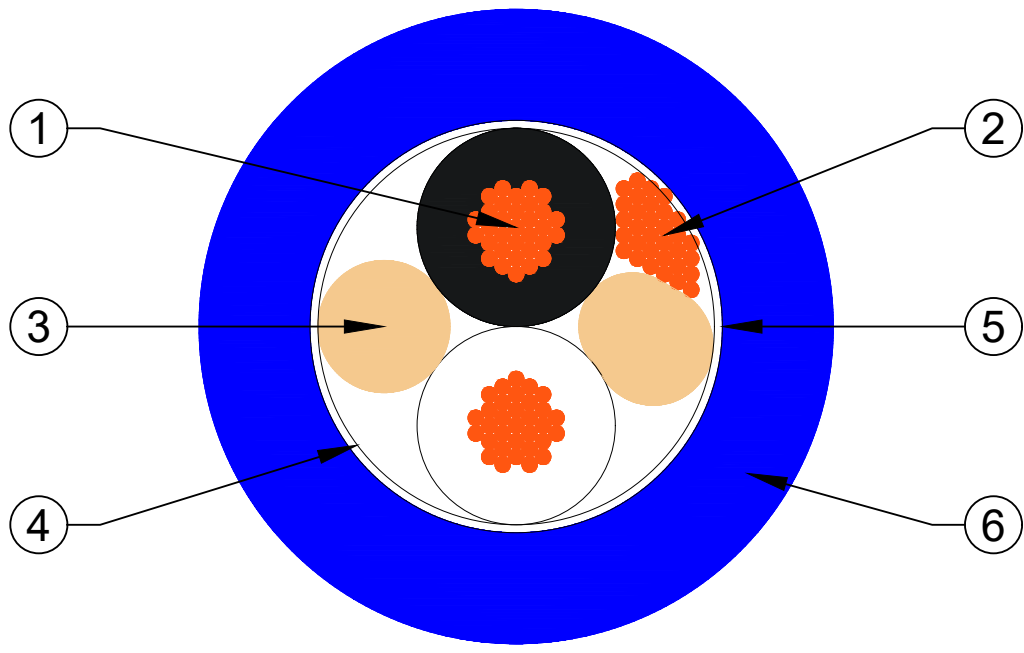


CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	8.0 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	1.4 mm
NOMINAL LAID UP DIAMETER OF CABLE	5.2 mm
WEIGHT OF CABLE IN AIR (APPROX.)	82 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	22 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	23 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MAXIMUM CONDUCTOR TEMPERATURE	70 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	64 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	96 mm
MAXIMUM CONTINUOUS LENGTH	7000 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	10000 PSI

ITEM	QTY.	DESCRIPTION
1	2	1.0 mm ² CLASS 5 TINNED COPPER CONDUCTOR (M.D.P.E. INSULATION)
2	1	1.0 mm ² CLASS 5 TINNED COPPER DRAIN WIRE
3	2	1.55 mm DIAMETER FILLER (POLYPROPYLENE MATERIAL)
4	A/R	ALUMINIUM/ POLYESTER TAPE
5	A/R	POLYESTER TAPE
6	A/R	POLYURETHANE SHEATH (R.T. 1.4 mm)



O.D. 8.0 mm ±0.5 mm

DESCRIPTION :

ONE TWISTED SCREENED PAIR (1.0 mm², CLASS 5 TINNED COPPER, MEDIUM DENSITY POLYETHYLENE) + POLYURETHANE SHEATH (R.T. 1.4 mm)

ELECTRICAL CHARACTERISTICS	
CORE CROSS SECTIONAL AREA	1.0 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	20.0 Ω/km
VOLTAGE RATING	500 V AC
ROUTINE TEST VOLTAGE	2 kV AC/ 3 kV DC
VOLTAGE TEST DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	6 kV
CURRENT RATING IN FREE AIR @ 30°C	11 A
INSULATION RESISTANCE 20°C @ 500 V DC	> 267 MΩ.km

NO	DATE	BY	CHKD	APPD	DRG. STATUS
11	13529	NEW TEMPLATE, UPDATE DESIGN	I.S.	07.06.19	S.M. R.Z.
10	11324	TEST RECORDS UPDATE	S.M.	28.10.16	I.S. D.H.
09	9929	NEW TEMPLATE, UPDATE DESIGN	I.S.	22.04.15	S.M. A.S.
08	7899	FILLER PART REPLACED	M.G.	26.06.12	I.S. D.B.
07	7703	PERFORMANCE RECORD, NEW BORDER	M.G.	03.04.12	I.S. A.S.
06	N/A	N/A	R.M.	31.03.05	S.R. S.R.
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD APPD

"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

ONE T.S.P. (1.0 mm²) + P/U SHEATH

DRG. STATUS: **ACTIVE**

DRG. No. **CS 001**

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