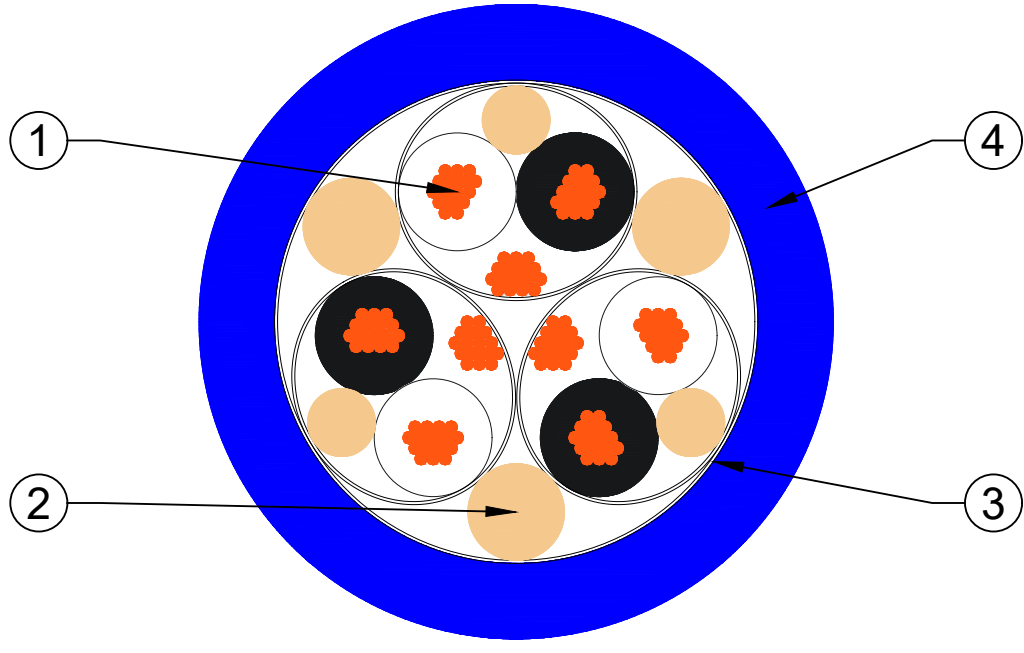


CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	10.5 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	1.25 mm
NOMINAL LAID UP DIAMETER OF CABLE	8.0 mm
WEIGHT OF CABLE IN AIR (APPROX.)	115 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	26 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	28 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MAXIMUM CONDUCTOR TEMPERATURE	70 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	84 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	126 mm
MAXIMUM CONTINUOUS LENGTH	1700 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	2500 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	3	0.5 mm ² TWISTED SCREENED PAIR (16/0.2, M.D.P.E. INSULATION)
2	3	1.5 mm DIAMETER FILLER (P.V.C. MATERIAL)
3	A/R	POLYESTER TAPE
4	A/R	POLYURETHANE SHEATH (R.T. 1.25 mm)



O.D. 10.5 mm ±0.5 mm

DESCRIPTION :

3 CLASS 5 TINNED COPPER TWISTED SCREENED PAIRS (0.5 mm², 16/0.2 STRANDING, MEDIUM DENSITY POLYETHYLENE INSULATION) + POLYURETHANE SHEATH (R.T. 1.25 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	6 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			
				REFERENCE DOCUMENTATION			
09	13529	NEW TEMPLATE, UPDATE DESIGN	I.S.	10.06.19	S.M.	R.Z.	
08	9960	NEW TEMPLATE, UPDATE DESIGN	I.S.	07.05.15	S.M.	A.S.	
07	5214	ADD PERFORMANCE RECORDS	M.Y.	16.10.06	D.H.	C.G.	
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	

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TITLE		3 T.S.P. S (0.5 mm ²) + P/U SHEATH	
DRG. No.	CS 007	DRG. STATUS	ACTIVE
SHT 01	OF 05	ISSUE	09