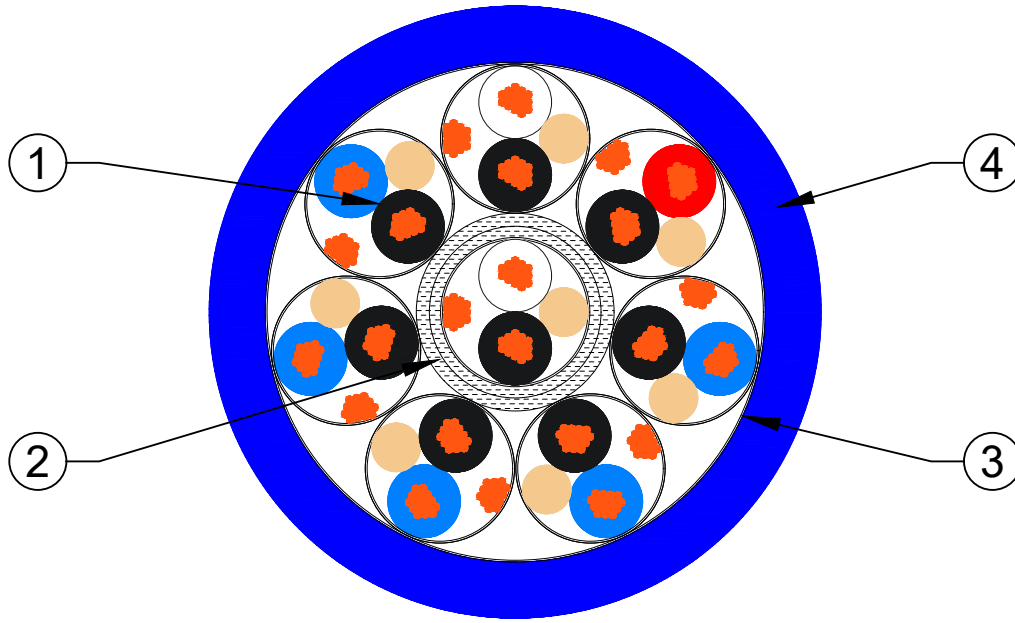


CABLE ATTRIBUTES	APPROX.
NOMINAL OVERALL DIAMETER	16.4 mm
NOMINAL RADIAL THICKNESS OF OUTER SHEATH	1.5 mm
NOMINAL LAID UP DIAMETER OF CABLE	13.4 mm
NOMINAL DIAMETER OVER WATERBLOCK TAPE	5.3 mm
NOMINAL DIAMETER OF CENTRAL T.S.P.	4.0 mm
WEIGHT OF CABLE IN AIR (APPROX.)	281 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	65 kg/km
WEIGHT OF CABLE IN FRESHWATER (APPROX.)	70 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 60 °C
MAXIMUM CONDUCTOR TEMPERATURE	70 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	131 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	197 mm
MAXIMUM CONTINUOUS LENGTH	500 m
MAXIMUM HYDROSTATIC WORKING PRESSURE	2500 PSI (TBC)

ITEM	QTY.	DESCRIPTION
1	8	0.5 mm <sup>2</sup> TWISTED SCREENED PAIR (HIGH DENSITY POLYETHYLENE INSULATION)
2	A/R	WATERBLOCKING TAPE
3	A/R	POLYESTER TAPE
4	A/R	POLYURETHANE SHEATH (R.T. 1.5 mm)



O.D. 16.4 mm ±0.5 mm

**DESCRIPTION :**

8 TWISTED SCREENED PAIRS (0.5 mm<sup>2</sup>, CLASS 5 TINNED COPPER WIRE, HIGH DENSITY POLYETHYLENE INSULATION) + POLYURETHANE FILLER JACKET + POLYURETHANE SHEATH (RADIAL THICKNESS 1.5 mm)

**ELECTRICAL CHARACTERISTICS**

CORE CROSS SECTIONAL AREA	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
VOLTAGE TEST DURATION	1 MINUTE
AC SPARK TEST VOLTAGE	6 kV
CURRENT RATING IN FREE AIR @ 30°C	2 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	



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TITLE

8 T.S.P. S (0.5 mm<sup>2</sup>) + P/U SHEATH

01 13529 FIRST ISSUE - PRODUCTION

I.S. 30.07.19 S.D. R.Z.  
DRAWN DATE CHKD APPD

DRG. STATUS

**ACTIVE**

DRG. No.

**CS 7747**

SHT 01 OF 05 ISSUE 01