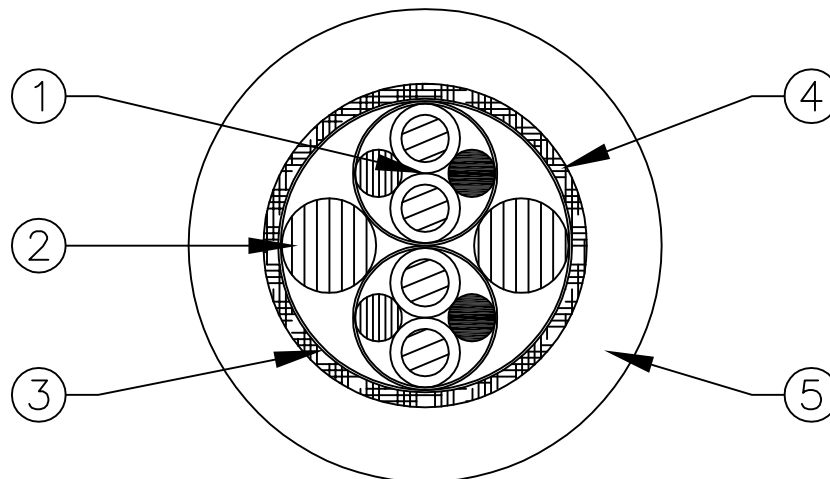


## PHYSICAL DETAILS : (Approx)

OVERALL DIAMETER OF FINISHED CABLE	9.5 mm
RADIAL THICKNESS OF PUR SHEATH	1.5 mm
DIAMETER OVER ARAMID BRAID	6.5 mm
LAID UP DIAMETER OF CABLE	5.9 mm
WEIGHT OF CABLE IN AIR (APPROX.)	88 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	14 kg/km
MIN. RECOMMENDED BEND RADIUS :	
STATIC	86 mm
DYNAMIC	124 mm
MAX. CONTINUOUS LENGTH:	4000 m

ITEM	QTY.	DESCRIPTION
1	2	0.5 mm <sup>2</sup> TWISTED SCREENED PAIR
2	2	2.0 mm DIA. FILLER
3	A/R	POLYESTER TAPE
4	A/R	ARAMID BRAID
5	A/R	POLYURETHANE SHEATH



O.D. 9.5 mm ±0.5 mm

## DESCRIPTION :

2 T.S.P.'s (0.5 mm<sup>2</sup>) + ARAMID BRAID (B.S. 1000 kg) + P/U SHEATH (R.T. 1.5 mm)

## CONSTRUCTION :

2 T.S.P.'S (0.5 mm<sup>2</sup>, 16/0.2, M.D.P.E. INSUL.) + 2 FILLERS (2.0 mm DIA.) ARE TWISTED TOGETHER AND BOUND IN A DOUBLE WRAP OF POLYESTER TAPE. AN ARAMID BRAID (B.S. 1000 KG) IS APPLIED OVER THE TAPE. A POLYURETHANE SHEATH (R.T. 1.5 mm) IS THEN EXTRUDED OVER THE ARAMID BRAID TO THE FINISHED DIAMETER OF 9.5 MM.

ELECTRICAL CHARACTERISTICS	0.5 mm <sup>2</sup>
CONDUCTOR RESISTANCE	40.1 Ω/km
WORKING VOLTAGE	250 V
SPARK TEST VOLTAGE	3 kV
CURRENT RATING	6 A
INSULATION RESISTANCE CORE TO CORE	>500 MΩ/km
INSULATION RESISTANCE SHIELD TO SHIELD	>10 MΩ/km

"CAD" DRAWING - REVISE AT SOURCE - DO NOT SCALE						
02	7649	PERFORMANCE RECORD UPDATED, NEW BORDER	M.G.	14.03.12	I.S.	D.B.
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TITLE  
 2 T.S.P.'s (0.5 mm<sup>2</sup>) + ARAMID BRAID (B.S. 1000 kg) + P/U SHEATH

DRG. STATUS **ACTIVE**

DRG. No. CS 1896

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