

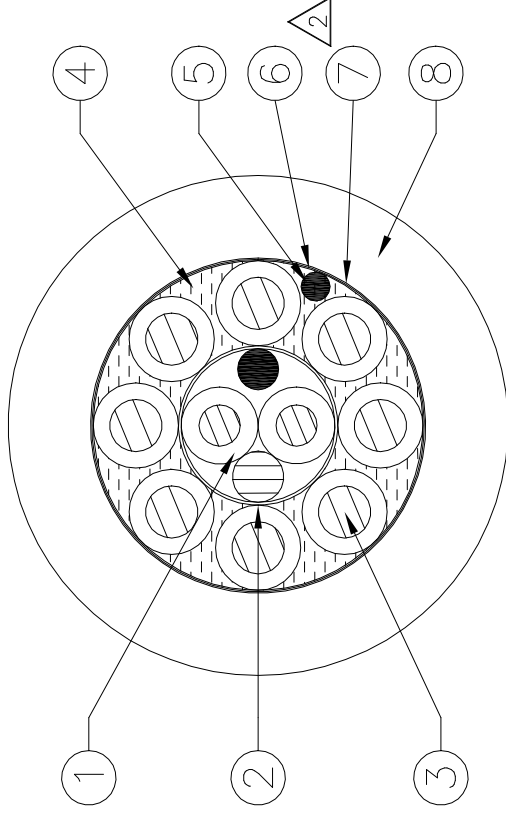
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PHYSICAL DETAILS : (Approx)

OVERALL DIAMETER OF FINISHED CABLE 9.1 MM
 DIAMETER AFTER FIRST RUN 2.9 MM
 LAID UP DIAMETER OF CABLE 6.1 MM
 RADIAL THICKNESS OF PUR SHEATH 1.5 MM
 WEIGHT OF CABLE IN AIR (APPROX.) 120 KG/KM
 WEIGHT OF CABLE IN SEAWATER (APPROX.) 53 KG/KM
 MIN. RECOMMENDED BEND RADIUS : STATIC 73 MM
 DYNAMIC 109 MM

ITEM QTY. DESCRIPTION

1	1	0.34 SQ MM T.S.P.
2	A/R	ALUMINIUM/POLYESTER TAPE
3	8	0.5 SQ MM CONDUCTORS
4	A/R	WATERBLOCK COMPOUND
5	A/R	0.34 SQ MM DRAIN WIRE (OVERALL SCREEN)
6	A/R	ALUMINIUM/POLYESTER TAPE
7	A/R	POLYESTER TAPE
8	A/R	BLUE POLYURETHANE SHEATH



O.D. 9.1 MM ± 0.5 MM

DESCRIPTION :

8 CORES (0.5 SQ MM) + ONE T.S.P. (0.34 SQ MM) + SANDO WATERBLOCK COMPOUND + OVERALL SCREEN + POLYURETHANE SHEATH

CONSTRUCTION :

T.S.P. – 2 CORES (0.34 SQ MM, 19/0.15, HIGH DENSITY POLYETHYLENE INSUL) + ONE FILLER AND A 0.34 SQ MM DRAIN WIRE (19/0.15) ARE TWISTED TOGETHER AND BOUND IN A WRAP OF ALUMINIUM/POLYESTER TAPE. A WRAP OF POLYESTER TAPE IS THEN APPLIED.

C.S. – 8 CORES (0.34 SQ MM, 16/0.2, MEDIUM DENSITY POLYETHYLENE INSUL) ARE TWISTED AROUND THE CENTRAL T.S.P. BUNDLE WITH WATERBLOCK COMPOUND FILLING THE INTERSTICES, AN OVERALL SCREEN IS THEN APPLIED. ALUMINIUM/POLYESTER TAPE IS THE WRAPPED AROUND THE OVERALL SCREEN. A WRAP OF POLYESTER TAPE IS THEN APPLIED. A POLYURETHANE SHEATH IS THEN EXTRUDED OVER THE WHOLE BUNDLE TO A FINISHED DIAMETER OF 9.1 MM.

ELECTRICAL CHARACTERISTICS	0.5 SQ MM	0.34 SQ MM T.S.P.
CONDUCTOR RESISTANCE	40.1 Ohms/Km	60.0 Ohms/Km
WORKING VOLTAGE	750 Volts	250 Volts
SPARK TEST VOLTAGE	6 Kv	3 Kv
INSULATION RESISTANCE CORE TO CORE	>500 megohms	
INSULATION RESISTANCE CORE TO SHIELD	>500 megohms	

				"CAD" DRAWING – REVISE AT SOURCE – DO NOT SCALE	
				CUSTOMER ISSUE NOTIFICATION:–	NO
				CUSTOMER NAME:	UVS
				CUSTOMER REF. No.	N/A
				REFERENCE DOCUMENTATION	
				ENQ. No: 17,006	SK No: SK-2588
02	5652	AL/PE TAPE ADDED TO THE CONSTRUCTION	M.G.	17.08.09	I.S.
01	5653	FIRST ISSUE	C.F	12.08.09	K.M
ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD APPD STATUS



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TITLE 8 CORES + ONE T.S.P. + SANDO WATERBLOCK COMPOUND + OVERALL SCREEN + P.U. SHEATH

DRG. No. CS 2200
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 ISSUE. 01
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