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CABLE ATTRIBUTES	APPROX.
OVERALL DIAMETER	11.0 mm
RADIAL THICKNESS OF OUTER SHEATH	1.75 mm
LAI D UP DIAMETER OF CABLE	7.5 mm
WEIGHT OF CABLE IN AIR (APPROX.)	154 kg/km
WEIGHT OF CABLE IN SEAWATER (APPROX.)	56 kg/km
AMBIENT OPERATING TEMPERATURE RANGE	-20 to 50 °C
MAXIMUM CONDUCTOR TEMPERATURE	60 °C
MINIMUM RECOMMENDED STATIC BEND RADIUS	88 mm
MINIMUM RECOMMENDED DYNAMIC BEND RADIUS	132 mm
MAXIMUM CONTINUOUS LENGTH	1000 m
MAXIMUM WORKING PRESSURE	1650 PSI (TBC)

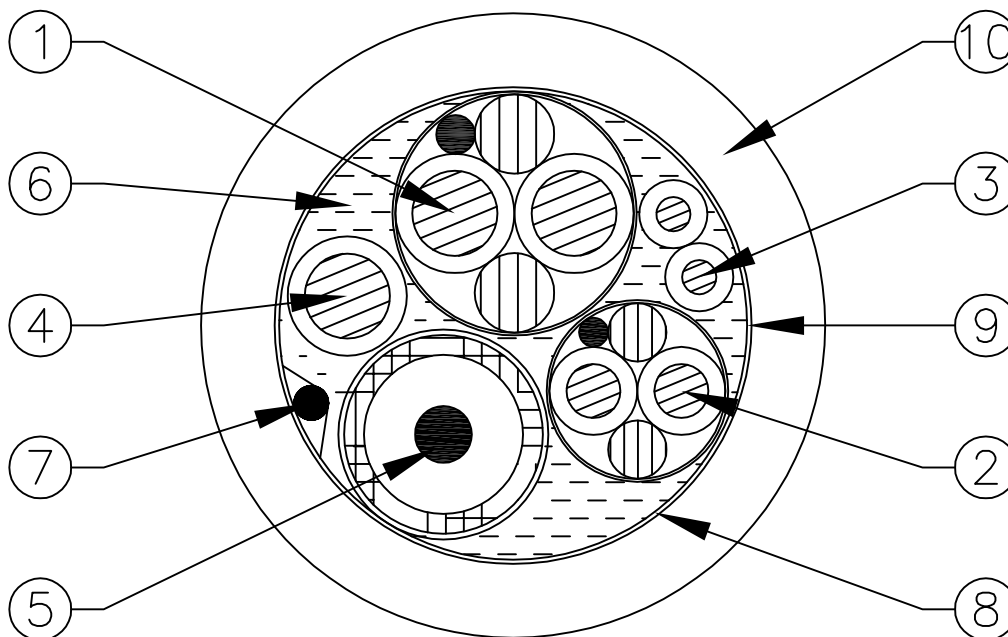
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ITEM	QTY.	DESCRIPTION
1	1	1.34 mm ² TWISTED SCREENED PAIR (MEDIUM DENSITY POLYETHYLENE INSULATION)
2	1	0.5 mm ² TWISTED SCREENED PAIR (MEDIUM DENSITY POLYETHYLENE INSULATION)
3	1	0.22 mm ² TWISTED PAIR (MEDIUM DENSITY POLYETHYLENE INSULATION)
4	1	1.34 mm ² CONDUCTOR (MEDIUM DENSITY POLYETHYLENE INSULATION)
5	1	RG 179 COAXIAL (75 Ω)
6	A/R	SANDO WATERBLOCK COMPOUND
7	1	0.22 mm ² TINNED COPPER DRAIN WIRE
8	A/R	ALUMINIUM/ POLYESTER TAPE
9	A/R	POLYESTER TAPE
10	A/R	ZERO HALOGEN FLAME RETARDANT POLYURETHANE SHEATH (R.T. 1.75 mm)



O.D. 11.0 mm ±0.5 mm

DESCRIPTION :

ONE TWISTED SCREENED PAIR (1.34 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + ONE TWISTED SCREENED PAIR (0.5 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + ONE TWISTED PAIR (0.22 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + ONE CONDUCTOR (1.34 mm², MEDIUM DENSITY POLYETHYLENE INSULATION) + ONE COAXIAL (75 Ω, RG 179) + SANDO WATERBLOCK COMPOUND + OVERALL SCREEN + POLYURETHANE SHEATH (R.T. 1.75 mm)

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ELECTRICAL CHARACTERISTICS	1.34 mm ²	0.5 mm ²	0.22 mm ²
MAX CONDUCTOR RESISTANCE @ 20°C	14.9 Ω/km	40.1 Ω/km	92.0 Ω/km
VOLTAGE RATING	90 V AC	300 V AC	440 V R.M.S.
ROUTINE TEST VOLTAGE	750 V AC/ 1500 V DC	1 kV AC/ 2 kV DC	1350 V AC
TEST VOLTAGE DURATION	1 MINUTE	1 MINUTE	5 MINUTES
AC SPARK TEST VOLTAGE	5 kV	5 kV	5 kV
CURRENT RATING @ 35°C	11 A	3 A	<1 A
INSULATION RESISTANCE 15-35°C @ 500 V DC	> 1000 MΩ/km	> 1000 MΩ/km	> 1000 MΩ/km
CHARACTERISTIC IMPEDANCE OF COAXIAL	75 Ω		

ISSUE	D.R.F.	MODIFICATION	DRAWN	DATE	CHKD	APPD	DRG. STATUS
19	9929	NEW TEMPLATE, UPDATE DESIGN	I.S.	22.04.15	S.M.	A.S.	ACTIVE
18	7673	PERFORMANCE RECORD UPDATED	M.G.	20.03.12	I.S.	D.B.	
17	7450	PERFORMANCE RECORD + TOLERANCE	M.G.	13.12.11	I.S.	C.P.	
01	5454	PERFORMANCE RECORD UPDATED	M.G.	10.03.09	I.S.	D.H.	

"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. (1.34 mm²) + ONE T.S.P. (0.5 mm²) + ONE T.P. (0.22 mm²) + ONE CORE (1.34 mm²) + ONE COAX (75 Ω, RG 179) + WATERBLOCK + O/A SCREEN + P/U SHEATH

DRG. No.

CS 382

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