



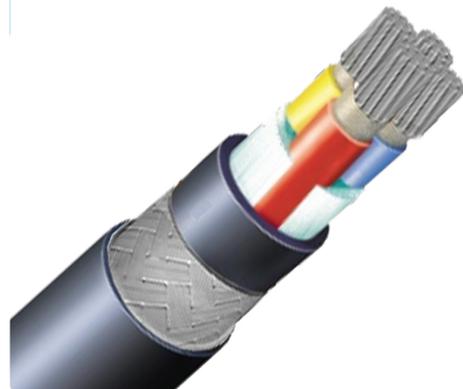
DESCRIPTION

Design and Production of Marine Power Cables
 FIRE RESISTANCE, LOW SMOKE and HALOGEN FREE

SPECIFICATIONS

	Cable Component	Standard
Conductor	Annealed Copper, Class 5 (tinned ,when required)	IEC 60228
Fire Resistance Layer	Mica Glass Tape + Polyester	-
Insulation	HF XLPE(Rubber Compound ,when required)	IEC 60092-351
Inner Sheath	LSHF	IEC 60092-353 and 359
Shield	Copper Wire Braid with 90% Coverage (tinned ,when required)	IEC 60092-353
Outer Sheath	LSHF Halogen Free, Fire Resistance and Low Smoke (Rubber Compound ,when required)	IEC 60092-353 and 359

Submarine Cables	
Sample Test	Conductor Examination
	Insulation and Sheath Dimension
	Hot-Set Test
Routine Test	DC Resistance of Conductor
	Insulation Resistance at Ambient Temperature
	Voltage Test
Type Test (non-electrical)	Impact Test at Low Temperature
	Bend Test at Low Temperature
	Pressure Test at High Temperature
	Heat Shock Test
	Sheath and Insulation ageing
	Sheath compatibility
	Fire Resistance
	Flame Propagation
	Smoke Emission
	Halogen Free
PH and Conductivity	
Type Test (electrical)	Insulation Resistance at Room Temperature
	Insulation Resistance at High Temperature
	voltage test for 4 h



M A R I N E