

Jinbo Marine

Marine & Offshore Equipment Datasheet

PRODUCT DATASHEET

DIN 81958/89159 CABLE

MGCG Ship Power & Lighting Cable

We are biggest MGCG Cable supplier, tinned copper conductor, EPR insulation, tinned copper wire braided, Halogen-free and Low Smoke; cheap price, good quality and fast delivery.

ISO9001 Supplier

Class Certificate

Export Supply



Key Highlights

Category	DIN 81958/89159 Cable
Standard	DIN
Material	Tinned Copper/EPR insulation
Weight / Size	3,5 kV Cores & Size Cores:
Certificate	ABS, LR, BV, DNV, GL, RINA, NK, KR, RS, IRS, CCS

We can supply according to your requirement, drawings, class certificate needs, and delivery schedule.

Technical Specifications

Category	DIN 81958/89159 Cable	Model / SKU	MGCG-Ship-Power-Lighting-Cable
Standard	DIN	Material	Tinned Copper/EPR insulation
Weight / Size	3,5 kV Cores & Size Cores:	Certificate	ABS, LR, BV, DNV, GL, RINA, NK, KR, RS, IRS, CCS
Warranty	12 Months unless specified otherwise	Origin	China

CONTENTS

- Cable Constructure
- Cores & Size
- Standards





Cable Constructure

CONDUCTOR : stranded, annealed copper wire. IEC 60228 Class 2 (Class 5 and/or tinned on request)

INSULATION : EPR.

BEDDING : Tape

SCREEN : Electrolytic copper braided screen (90% coverage). MGCG (EMC) type is wrapped by a copper tape in addition to this braided screen. (100% coverage)

OUTER SHEATH : Chloroprene based flame retardant and oil resistant black outer jacket.

Standards

CONSTRUCTION : DIN 89158, IEC 60092/353

MATERIAL : IEC 60092 /350-351-359

FLAME RETARDATION : IEC 60332 /1, IEC 60332 / 3 Cat A

SHIELDING EFFECTIVENES (for EMC type) : DIN EN 50147-1

RATED VOLTAGE : 0,6/1 kV

TEST VOLTAGE : 3,5 kV

Cores & Size

Cores: 1, 2,3,4,5,7,10,12,14,16,19,24

Size (sqmm): 1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120, 150, 180, 240, 300