

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