

GRAND OCEAN CATALOGUE 2025

GRAND
OCEAN



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IEC 60092 STANDARD MARINE CABLES

STANDARDS APPLIED

IEC 60092-350, IEC 60092-353, IEC 60092-354, IEC 60092-376

FEATURES

Flame retardant: IEC 60332-1, IEC 60332-3-22(Cat.A)

Fire resistant: IEC 60331-1, IEC 60331-2(Fire resistant type only)

Halogen Free: Halogen acid gas 0.5% as per IEC 60754-1,2

Low smoke emission: 60%(Min.) As per IEC 61034-1,2

Low toxicity content: 5(Max) as per NES 713

CABLE TYPES

Medium Voltage Power Cables (3.6/6kV, 6/10kV, 8.7/15kV, 12/20kV, 18/30kV)

Low Voltage Power & Control Cables (0.6/1kV, 1.8/3kV)

Instrument & Communication Cables (150/250V)

Flexible Switchboard Wire (0.6/1kV)

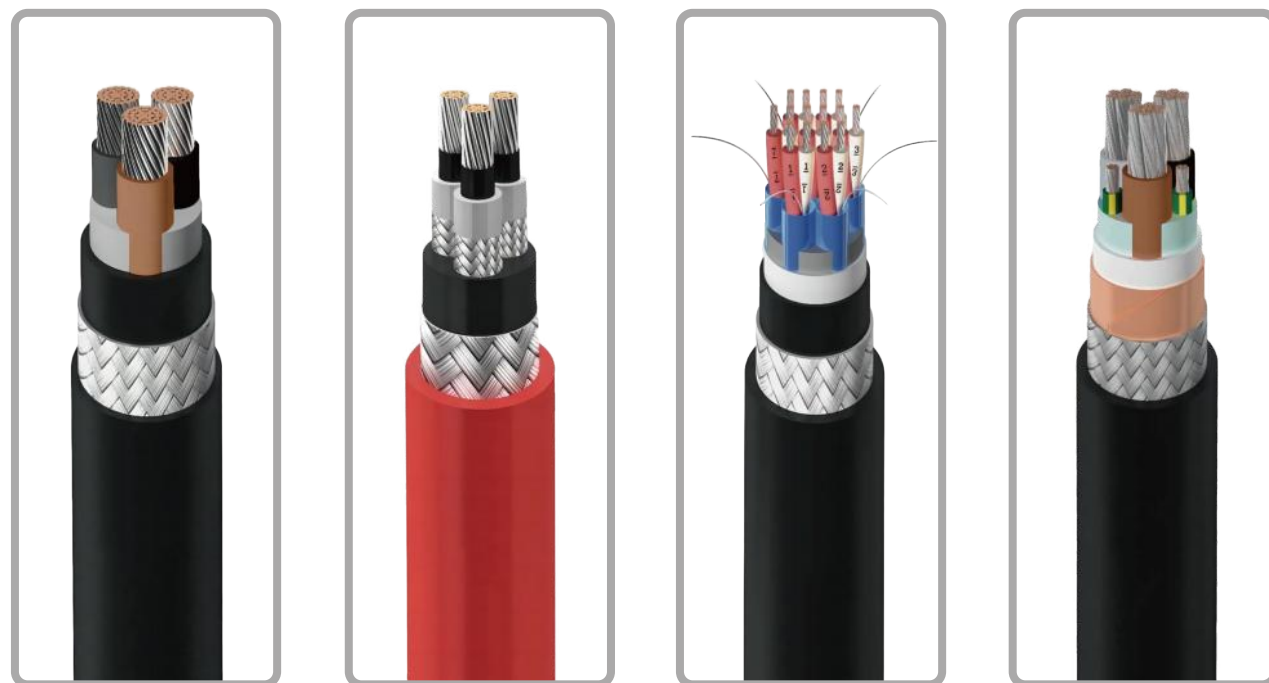
EMC/VFD Cables (0.6/1kV, 1.8/3kV)

APPLICATION

Designed for power, lighting, instrument & control circuits. Suitable for installation in commercial marine applications. Maximum conductor temperature is 90°C.

CERTIFICATE

Type Approved by ABS, BV, CCS, DNV-GL, KR, LR, NK, RINA, RS



JIS C 3410 STANDARD SHIPBOARD CABLES

STANDARDS APPLIED

JIS C 3410(2018), JIS C 3411

FEATURES

Flame retardant: IEC 60332-1, IEC 60332-3-22(Cat.A)

(Flame retardant type only)

Fire resistant: IEC 60331-1, IEC 60331-2

(Fire resistant type only)

Halogen Free: Halogen acid gas 0.5% as per IEC 60754-1,2

(SCP type only)

CABLE TYPES

Low Voltage Power & Lighting Cables (0.6/1kV)

Instrument & Telephone Cables (150/250V)

Control Cables (150/250V)

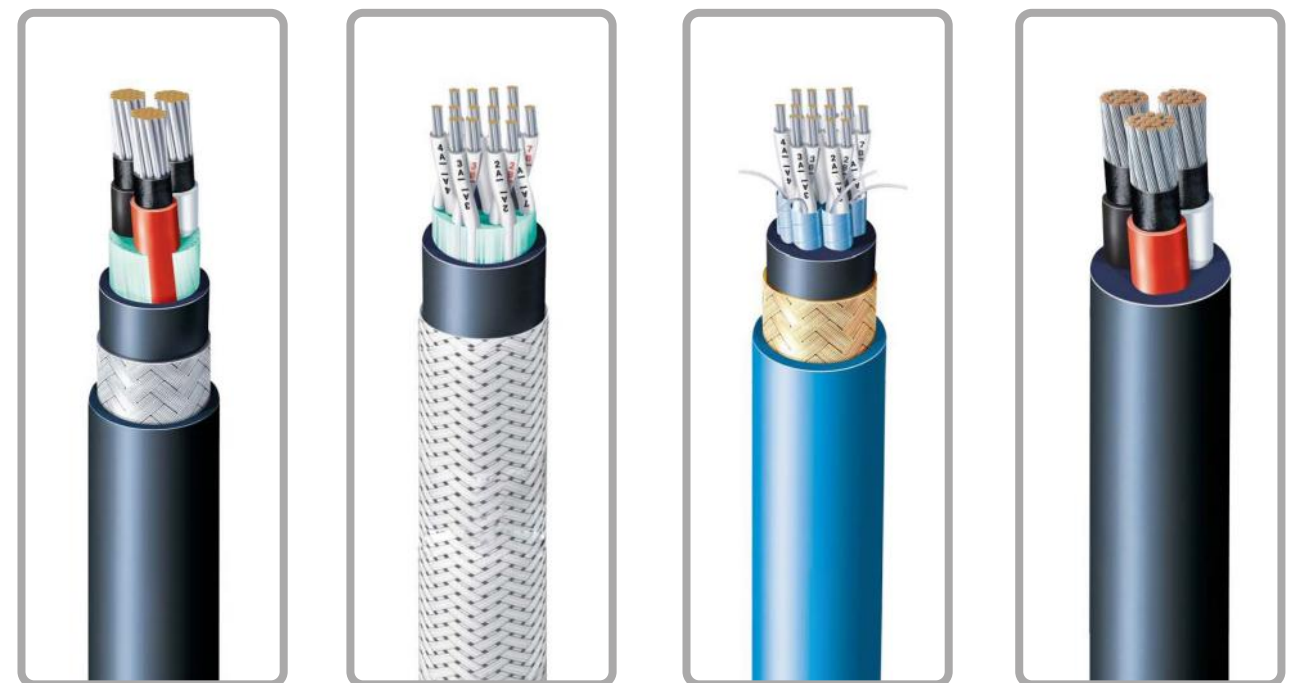
Portable & Flexible Cable (0.6/1kV)

APPLICATION

Designed for power, lighting, instrument & control circuits. Suitable for application in commercial marine applications.

CERTIFICATE

Type Approval by NK





NEK TS 606 OFFSHORE CABLES

STANDARDS APPLIED

NEK TS 606(2016), IEC 60092-350, IEC 60092-354, IEC 60092-353, IEC 60092-376

FEATURES

Flame retardant: IEC 60332-1, IEC 60332-3-22(Cat.A)

Fire resistant: IEC 60331-1, IEC 60331-2(Fire resistant type only)

Halogen Free: Halogen acid gas 0.5% as per IEC 60754-1,2

Low smoke emission: 60%(Min.) As per IEC 61034-1,2

Low toxicity content: 5(Max) as per NES 713APPLICABLE

Cold features: Cold bending(-40°C), Cold impact(-35°C) as per CSA C22.2 NO.0.3

Mud resistant: NEK TS 606

Oil resistant: IEC 60092-350 Annex F

CABLE TYPES

Medium Voltage Power Cables (3.6/6kV, 6/10kV, 8.7/15kV, 12/20kV, 18/30kV)

Low Voltage Power Cables (0.6/1kV)

Instrument & Communication Cables (150/250V)

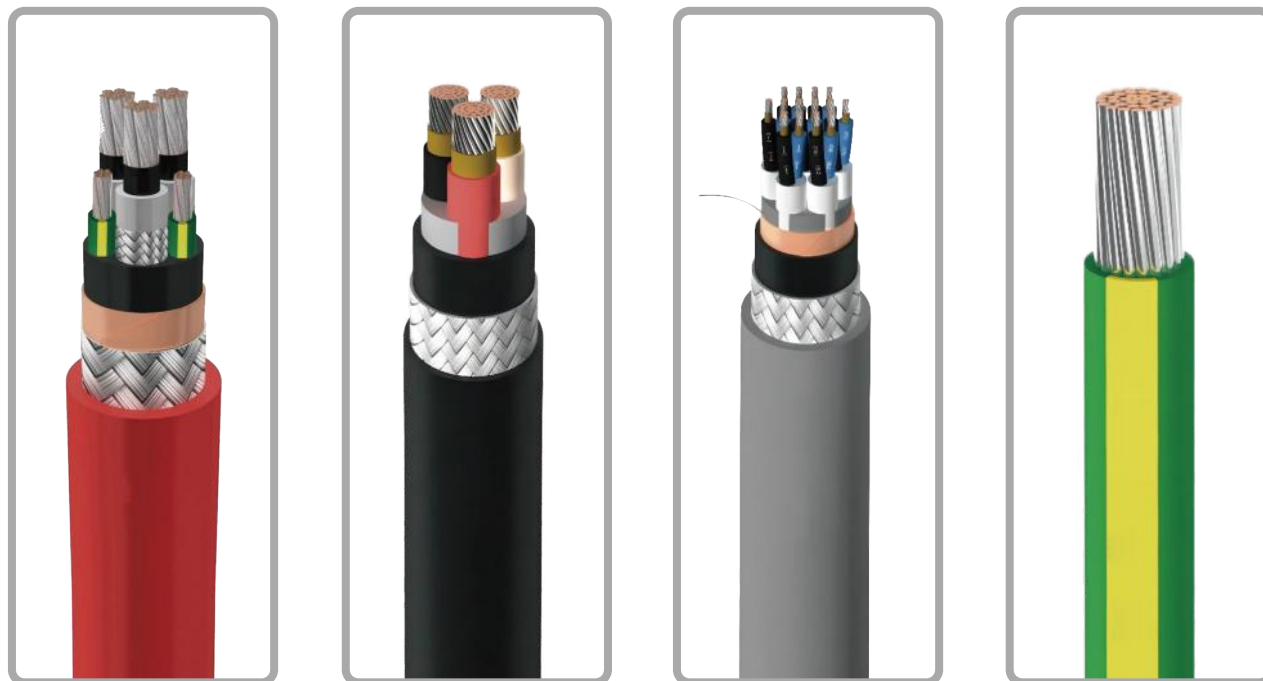
VFD Cables (0.6/1kV,1.8/3kV, 3.6/6kV, 6/10kV, 8.7/15kV, 12/20kV, 18/30kV)

APPLICATION

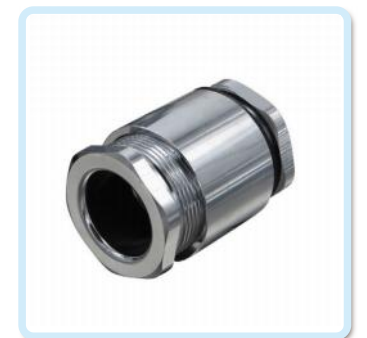
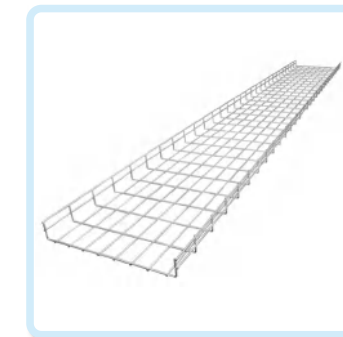
For fixed installation in both explosion risk and safe areas on offshore platforms. General purposes for installations in areas exposed to mud and drilling / cleaning fluids we recommend mud resistant type.

CERTIFICATE

Type Approval by DNV-GL, ABS, CCS



CABLE ACCESSORIES





MARINE VALVE



RUBBER FENDER





PERSONNEL TRANSFER BASKET



HY Type



X904 Type



INFLATABLE LIFERAFTS



(Type A) Throw-over Liferaft



(Type D) Davit-launched Liferaft



(Type Z) Self-righting Liferaft



(Type K) Open Reversible Liferaft



(Type U) Yacht Liferaft



Round Container



Flat Container



Valise Pack



SOLAS INFLATABLE LIFE JACKETS



CQYB/II-150N

Technical Parameters

Standard: SOLAS/MED	Trunk angle $\geq 30^\circ$
Certificate: RINA, CCS	Ambient temperature: $-30-65^\circ\text{C}$
Air Chamber: Double	Freeboard $\geq 12\text{mm}$
Twin 33g CO ₂ Cylinders	Buoyancy Loss: $\leq 5\%$ in 24 hours
Inflation: Manual & Automatic	Inflation Time: $\leq 5\text{S}$
Fabric: 400D Oxford + 0.15mm TPU	Floating Duration: $\geq 48\text{h}$
Buoyancy: $\geq 150\text{N}$	Size: Adult Universal
Weight: $\leq 1.5\text{kgs}$	Angle in water face plane angle $\geq 40^\circ$

Accessories

Whistle, Reflective Tape, CO₂ Cylinders, Manual & Automatic Inflation Systems, Life Jacket Light.

Application

Marine Shipboard, Offshore Oil platform.

CQYB/I-275N

Technical Parameters

Standard: SOLAS/MED	Trunk angle $\geq 30^\circ$
Certificate: RINA	Ambient temperature: $-30-65^\circ\text{C}$
Air Chamber: Double	Freeboard $\geq 12\text{mm}$
Twin 55g CO ₂ Cylinders	Buoyancy Loss: $\leq 5\%$ in 24 hours
Inflation: Manual & Automatic	Inflation Time: $\leq 5\text{S}$
Fabric: 400D Oxford + 0.15mm TPU	Floating Duration: $\geq 48\text{h}$
Buoyancy: $\geq 275\text{N}$	Size: Adult Universal
Weight: $\leq 1.5\text{kgs}$	Angle in water face plane angle $\geq 40^\circ$

Accessories

Double Crotch Strap, Whistle, CO₂ Cylinders, Manual & Auto Inflation Device, Reflective Tape, Light.

Application

Marine Shipboard, Offshore Oil platform.



SOLAS FOAM LIFE JACKETS



RSCY-A3(275N)



RSCY-A4(150N)



RSCY-A5(150N)



RSCY-A7(150N)



RSCY-A8(150N)



RSCY-A9(150N)



RSEY-1(88N)



RSYY-1(65N)



RSY-100B



SOLAS LIFE BUOY & LIGHTS



SOLAS LIFE BUOY

Application

- 2.5kgs life buoy is suitable for all kinds of vessels, used by seamen and passengers for life-saving equipment.
- 4.3kgs life buoy is used to release the self-activated smoke signal, supplying life ring for the rescues and research direction for the rescuers.

Standard

SOLAS 1974/1996, International Life-saving Appliance Code and MSC. 81(70).

Approval Certificate

CCS EC



RSQD-1



RSQD-2



RSQD-Ex



RSYD-A



RSYD-A1



RSYD-A2



YDL12-EX



IMMERSION SUIT



RSF-II



RSF-III



Child Type

Model	Main Material	Size	Design	Gloves	User Height	Standard
RSF-II	CR Neoprene (5mm thickness)	S, M, L, XL	Designed to be worn without lifejacket	Three fingers neoprene gloves	1500-2050 (mm)	Comply with SOLAS MED regulations
RSF-III		S, M, L, XL	Additional lifejacket required		1500-2050 (mm)	
Child Type		XS	Designed to be worn without lifejacket		1100-1500 (mm)	