sales@adamarine.com

CABLE CATALOGUE

ANCHORED IN
RELIABILITY,
LINKED IN
EVERY PORT

ADAMAR

adamarine.com


ADAMAR

Single Point of Contact

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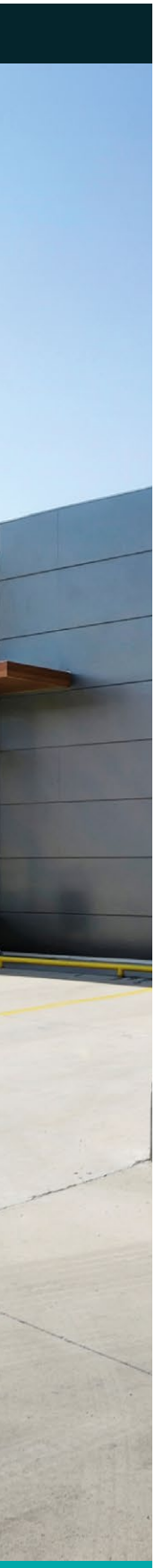


PAGE CONTENT

GO confidently

sales@adamarine.com

WHO WE ARE

ADAMAR

Adamar was founded in 2003 in Aliaga/Izmir by Mr. Taner Topkara, who has been the President since the beginning, to serve and supply the vessels calling Turkish Ports & Straits. Over the years, thanks to the commitment of our qualified & experienced staff, whose hard work has enabled us to quickly adapt to the ever-changing demands of the ship supply industry, we proudly managed to become a sector leader in the region and expanded our presence worldwide.

The journey started with minimal capacity and manpower, nowadays extends to more than 500 employees, four national (Izmir, Istanbul, Bosphorus, Mersin), and five international offices (Shanghai, Hong Kong, Singapore, Piraeus, Rotterdam), and more than 20000 m2 aggregate storage capacity.

We are proud to be a member of ISSA, IMPA, TURSSA, and TRADE NET. Being certified with ISO9001, ISO22000, ISO14001, and ISO45001, we run our business in full compliance with international regulations and quality, safety & environmental standards.

Our dynamic, solution-oriented and competent team quickly evaluates and processes your inquiries, submits our quotations with the most competitive prices, provides the comfort of 24/7 accessibility and executes on-time deliveries and operations in all ports, terminals and seaways of Türkiye.

Go Confidently with us...

WHAT WE DO

Adamar is a multidisciplinary ship supply and service-providing company that manages to harmonize different divisions under one roof. We offer top-quality provision, specific products imported to make the crew feel at home, consumables with optimum quality and price, and unrivaled service quality.

Adamar also offers stock availability of non-standard items, e.g., marine valves, anchors & chains, spare parts, cargo care products, and special fabricated items. Our skilled and experienced service teams offer a broad range of repairs & services and remote assistance whenever needed.

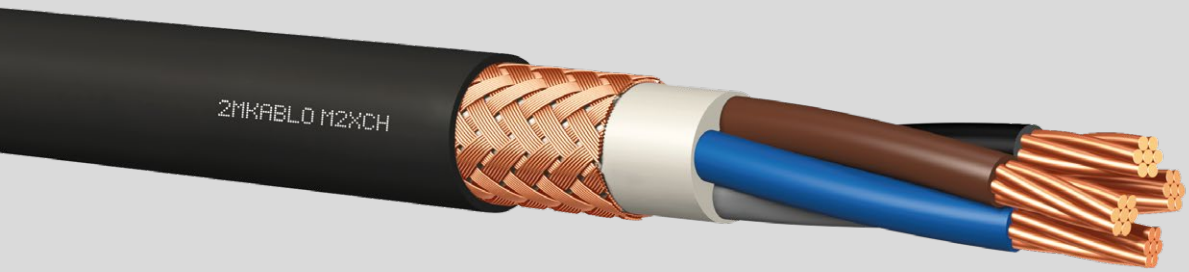
When you appoint your service provider as Adamar, you have the privilege to access a world-class service, a team that communicates with you in marine language and a carefully selected stock with more than 10,000 different items procured from various corners of the World. Please take a look at our catalogue to have a more profound idea about us.

- Global Ship Supply
- General Stores
- Catering & Bonded Stores
- Marine Valves
- Marine Power & Instrument Cables
- Mooring Lines & Riggings
- Packing & Sealings
- Rubber Factory
- Container Lashing Equipment
- Anchor & Chain
- Services & Repairs
- Shipyard Attendance
- Marine Logistics
- In-House Workshop

LOW VOLTAGE FLAME RETARDANT POWER CABLES

M2XCH 0.6/1 (1.2) kV

Used as fixed installation cable in marine structures. The screening layer forms a shield for protection against electromagnetic interference. Halogen-free and Flame Retardant construction ensures a non-corrosive and evident environment during a fire.



SPECIFICATIONS OF CABLE

Refferance Standart	IEC 60092-353
Conductors	Stranded annealed copper Class 5 (IEC 60092-350 & IEC 60228)
Core insulation	Cross-linked polyethylene (XLPE) (IEC 60092-360)
Inner sheath/separator	Halogen-free filler or polyester tape
Screen / Armour	Annealed copper wire braiding and drain wire (IEC 60092-350)
Outer sheath	HFFR, Halogen Free, SHF1 (IEC 60092-360)
Fire properties	Flame retardant (SOLAS Ch.II-1/45.5.2, IEC 60332-1-1 & IEC 60332-1-2) Low smoke (IEC/EN 61034-1/2)
Smoke density	Low smoke (IEC/EN 61034-1+2)
Halogen Free	IEC 60754-1 (Low Halogen: <0,5% Halogen) and IEC 60754-2 (Halogen free: pH > 4,3 Conductivity < 10µS)
Operating Voltage	0,6/1 kV
Test Voltage	3.5 kV (AC), 8.4 kV (DC)
IACS Approvals	ABS, BV, DNV, LR, RINA, TL

CROSS SECTIONS & CORE SELECTIONS

No of core x Cross Section (mm2)	Cable Diameter (mm)	Cable Weight (kg/mtr)
2x1,5	9,2	0,14
3x1,5	9,7	0,16
3G1,5	9,7	0,16
4x1,5	10,5	0,18
4G1,5	10,5	0,18
5x1,5	11,2	0,20
7x1	11,5	0,22
7x1,5	12,4	0,27
10x1,5	15,5	0,36
12x1	15,3	0,38
12x1,5	16,6	0,46
16x1,5	17,9	0,50
19x1	17,8	0,52
19x1,5	19,3	0,65
27x1	21,2	0,70
27x1,5	23,1	0,88
37x1	23.7	0,89
2x2,5	10	0,17
3x2,5	10,7	0,19
3G2,5	10,7	0,19
4x2,5	11,7	0,24
4G2,5	11,7	0,24
5x2,5	12,5	0,25
7x2,5	14,0	0,34
2x4	10,8	0,18
3x4	11,9	0,25
4x4	12,9	0,31
4G4	12,9	0,31
3x6	13,2	0,33
4x6	14,9	0,45
3x10	13,2	0,33
4x10	16,8	0,65
1x16	9,3	0,25
3x16	19,5	0,93
4x16	21,2	0,73
1x25	11,1	0,36
3x25	23,4	1,36
4x25	25,6	1,69
1x35	12,2	0,47
3x35	25,8	1,74
4x35	28,5	2.17
1x50	14,1	0,64
3x50	28,9	2,22
1x70	16,9	0,91
3x70	35,9	3,35
1x95	17,9	1,15
3x95	38	4,18
1x120	20	1,56
3x120	42,5	5,56
1x150	23,1	0,18
3x150	46,8	6,45
1x185	24,3	2,11
3x185	52,5	7,721
1x240	28,5	2,737

ABS

BUREAU VERITAS

DNV

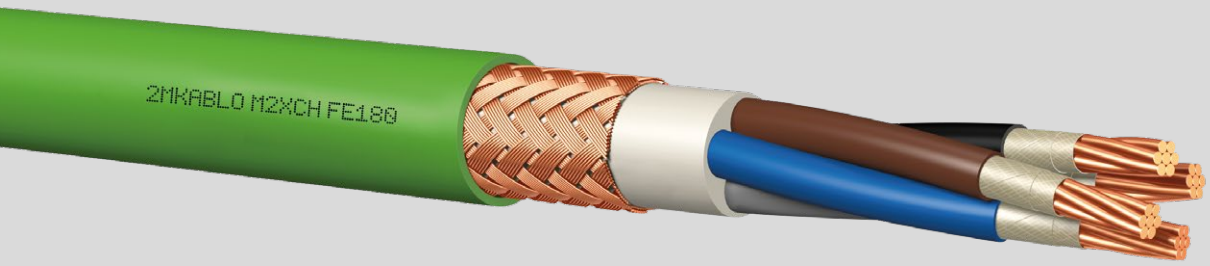
RINA

TÜRK LOYDU ISTANBUL 1962

LOW VOLTAGE FIRE RESISTANT POWER CABLES

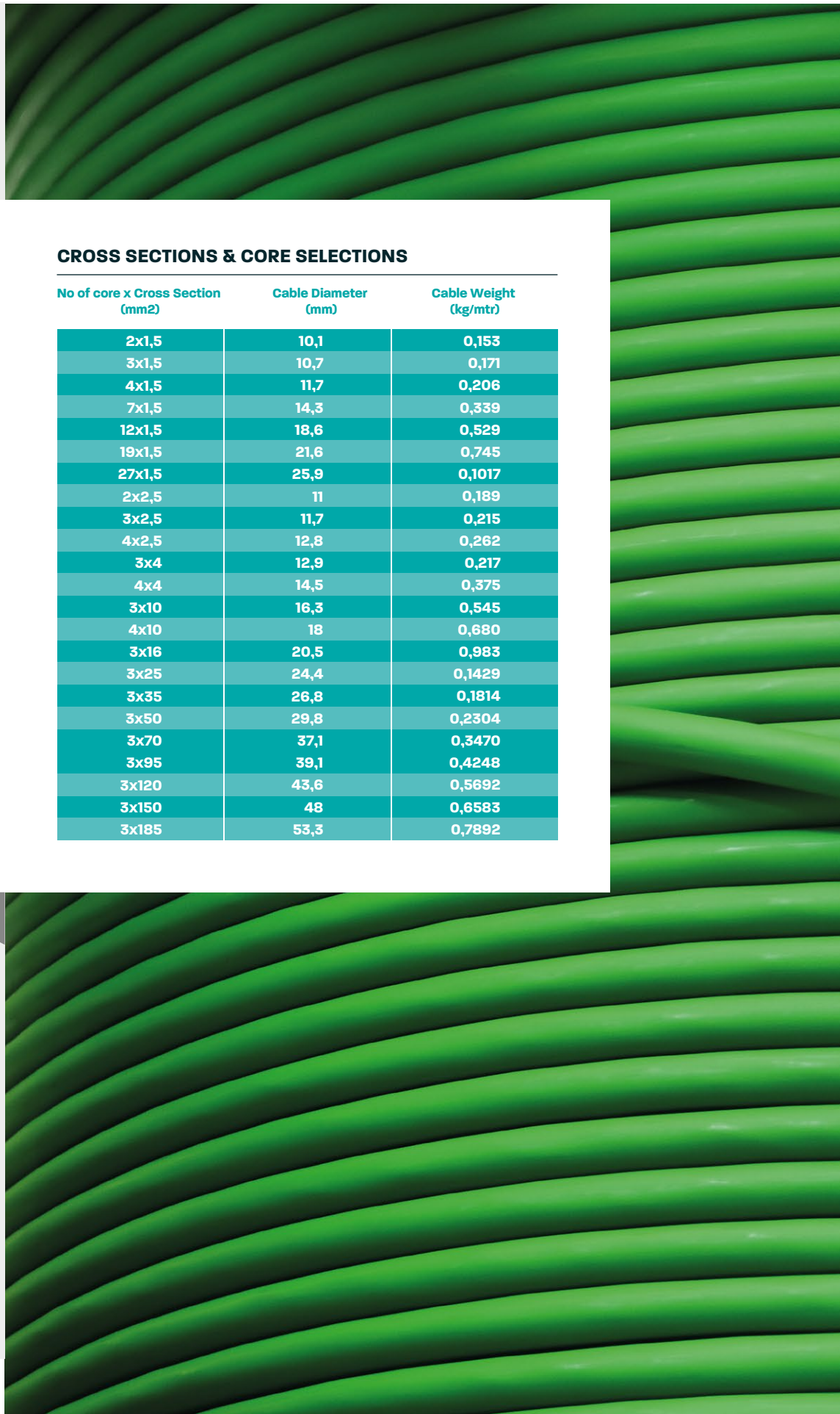
M2XCH FE180 0.6/1 (1.2) kV

Used as fixed installation cable in marine structures. The screening layer forms a shield for protection against electromagnetic interferences. Halogen-Free and Flame Retardant construction ensures a non-corrosive and evident environment during a fire. Also, a minimum of 180 minutes of circuit integrity under fire conditions is achieved by its unique design.



SPECIFICATIONS OF CABLE

Refferance Standart	IEC 60092-376
Conductors	Stranded annealed copper Class 5 (IEC 60092-350 & IEC 60228)
Flame Barrier	Mica Tape
Core insulation	Cross-linked polyethylene (XLPE) (IEC 60092-360)
Inner sheath/separator	Halogen-free filler or polyester tape
Screen / Armour	Annealed copper wire braiding and drain wire (IEC 60092-350)
Outer sheath	HFFR, Halogen Free, SHF1 (IEC 60092-360)
Fire properties	Flame retardant (SOLAS Ch.II-1/45.5.2, IEC 60332-1-2), Fire resistant (IEC 60331-21, Minimum 180 minutes flame application + 15 minutes cooling down) and IEC 60331-1/2 (Fire resistance / Circuit integrity – Test for method for fire with shock at temperature of at least 830ºC for cables rated up to and including 0,6/1 kV)
Smoke density	Low smoke (IEC/EN 61034-1/2)
Halogen Free	IEC 60754-1 (Low Halogen: < 0,5% Halogen) and IEC 60754-2 (Halogen free: pH > 4,3 Conductivity < 10µS)
Operating Voltage	0,6/1 kV
Test Voltage	3.5 kV (AC), 8.4 kV (DC)
IACS Approvals	ABS, BV, DNV, LR, RINA, TL



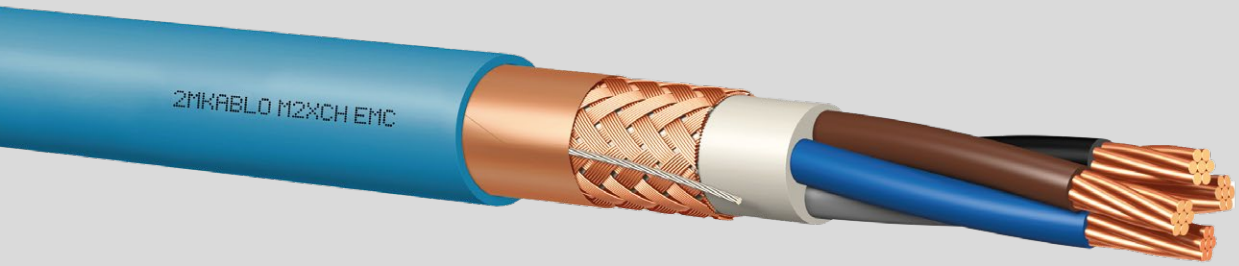
CROSS SECTIONS & CORE SELECTIONS

No of core x Cross Section (mm2)	Cable Diameter (mm)	Cable Weight (kg/mtr)
2x1,5	10,1	0,153
3x1,5	10,7	0,171
4x1,5	11,7	0,206
7x1,5	14,3	0,339
12x1,5	18,6	0,529
19x1,5	21,6	0,745
27x1,5	25,9	0,1017
2x2,5	11	0,189
3x2,5	11,7	0,215
4x2,5	12,8	0,262
3x4	12,9	0,217
4x4	14,5	0,375
3x10	16,3	0,545
4x10	18	0,680
3x16	20,5	0,983
3x25	24,4	0,1429
3x35	26,8	0,1814
3x50	29,8	0,2304
3x70	37,1	0,3470
3x95	39,1	0,4248
3x120	43,6	0,5692
3x150	48	0,6583
3x185	53,3	0,7892

LOW VOLTAGE FLAME RETARDANT POWER CABLES

M2XCH EMC 0.6/1 (1.2) kV

Used as fixed installation cable in marine structures. Due to its overall screen, electromagnetic interference is minimized. Halogen-free and Flame Retardant construction ensures a non-corrosive and evident environment during a fire. This cable can be used as a motor supply cable and for frequency converters controlled low voltage AC drives on ships, called VFD applications.

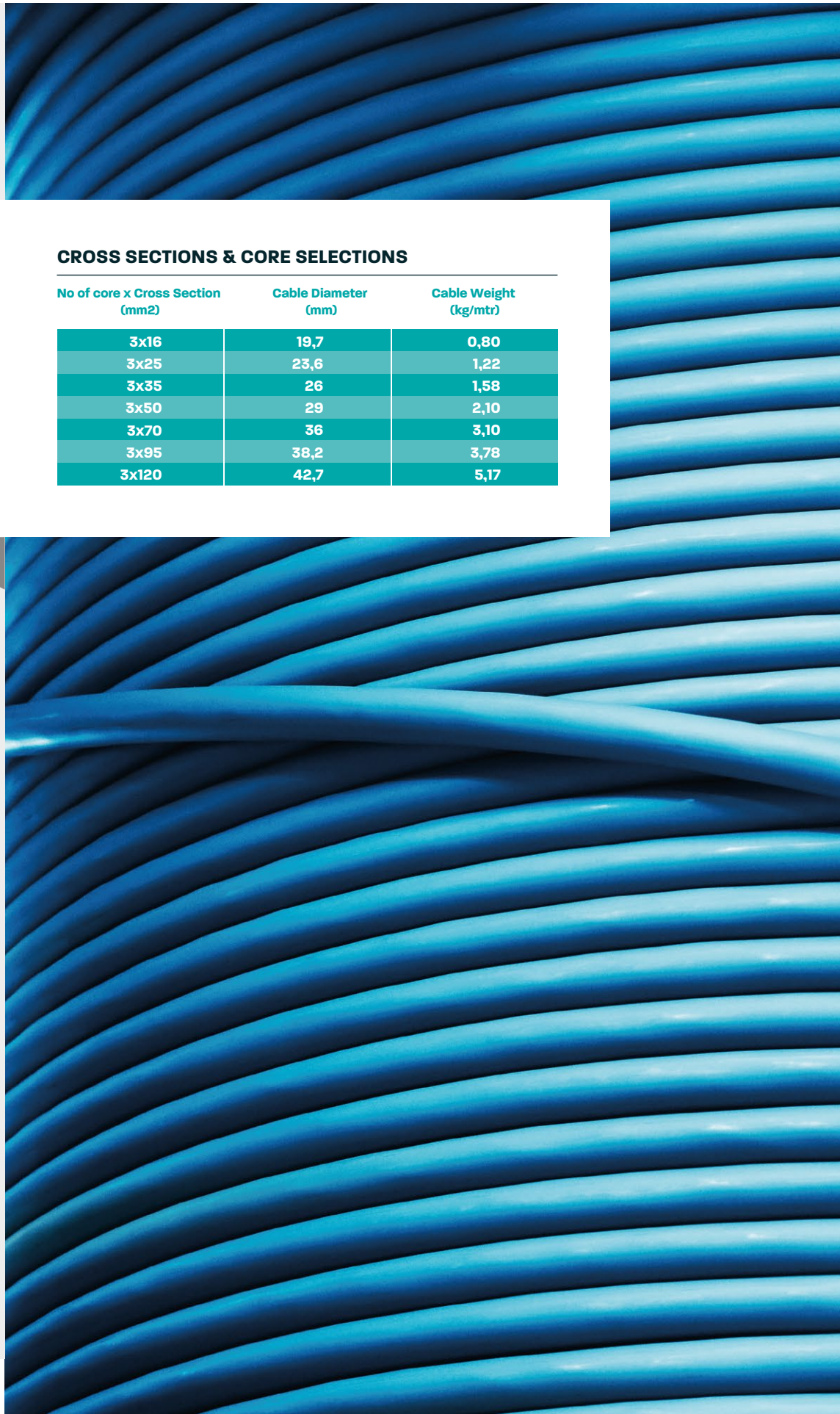


SPECIFICATIONS OF CABLE

Refferance Standart	IEC 60092-353
Conductors	Stranded annealed copper Class 5 (IEC 60092-350 & IEC 60228)
Core insulation	Cross-linked polyethylene (XLPE) (IEC 60092-360)
Inner sheath/separator	Halogen-free filler
Screen / Armour	Copper tape coverage 100% and copper wire braided screen min. coverage 90% with drain wire (IEC 60092-350 & DIN EN 50147-1)
Outer sheath	HFFR, Halogen Free, SHF1 (IEC 60092-360)
Fire properties	Flame retardant (SOLAS Ch.II-1/45.5.2, IEC 60332-1-1 & IEC 60332-1-2)
Smoke density	Low smoke (IEC/EN 61034-1+2)
Halogen Free	IEC 60754-1 (Low Halogen: <0,5% Halogen) and IEC 60754-2 (Halogen free: pH > 4,3 Conductivity < 10µS)
Operating Voltage	0,6/1 kV
Test Voltage	3.5 kV (AC), 8.4 kV (DC)
IACS Approvals	ABS, BV, DNV, LR, RINA, TL

CROSS SECTIONS & CORE SELECTIONS

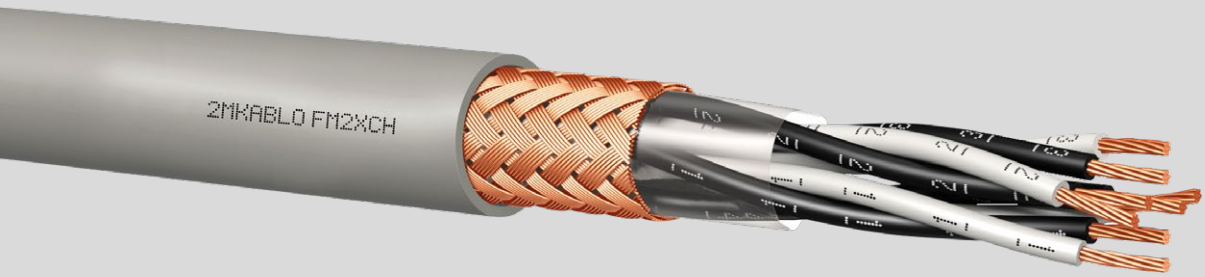
No of core x Cross Section (mm2)	Cable Diameter (mm)	Cable Weight (kg/mtr)
3x16	19,7	0,80
3x25	23,6	1,22
3x35	26	1,58
3x50	29	2,10
3x70	36	3,10
3x95	38,2	3,78
3x120	42,7	5,17



LOW VOLTAGE FLAME RETARDANT INSTRUMENT CABLES

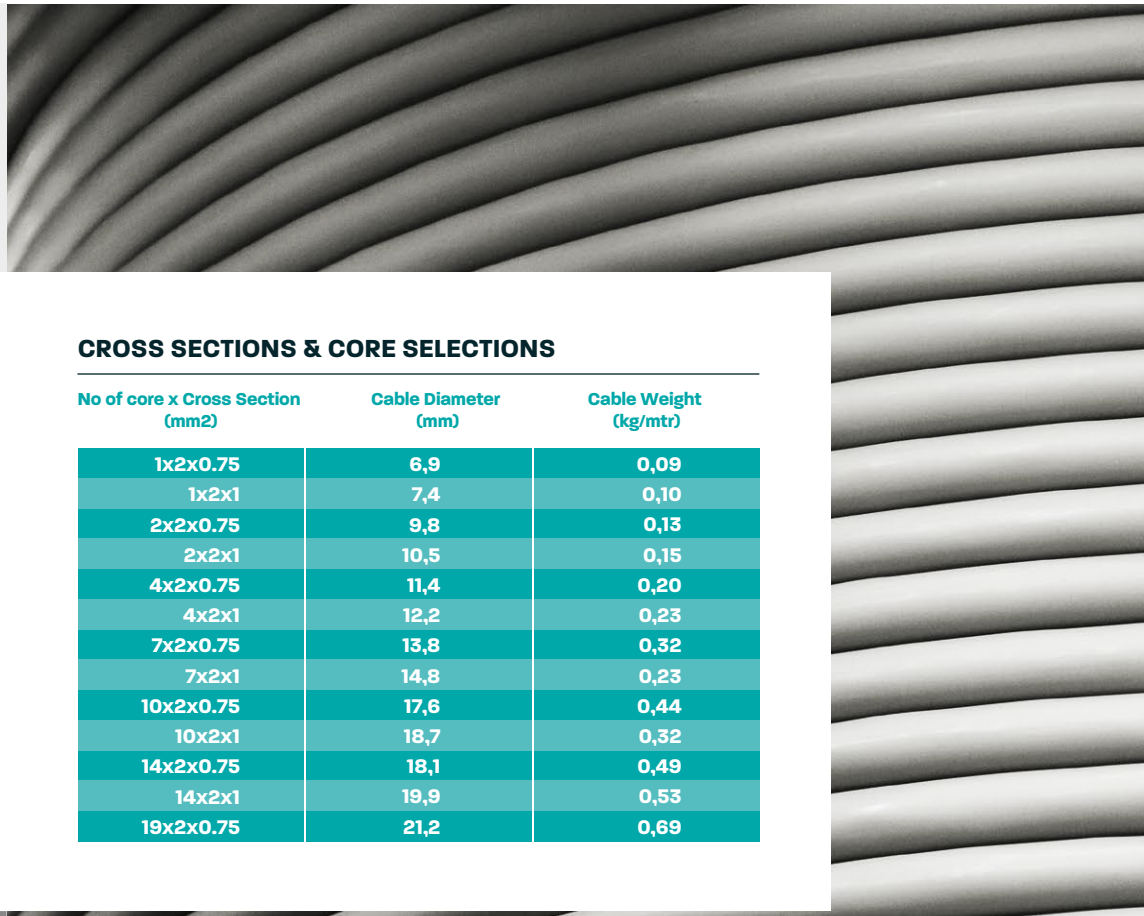
FM2XCH 150/250 (300) V

Used as a fixed installation cable for communication and instrumentation purposes in electronic systems of marine structures. The screening layer protects the transmitting signal against electromagnetic interference. Halogen-free and Flame Retardant construction ensures a non-corrosive and evident environment during a fire.



SPECIFICATIONS OF CABLE

Refferance Standart	IEC 60092-376
Conductors	Stranded annealed copper Class 5 (IEC 60092-350 & IEC 60228)
Core insulation	Cross-linked polyethylene (XLPE) (IEC 60092-360)
Inner sheath/separator	Halogen-free filler or polyester tape
Screen / Armour	Annealed copper wire braiding and drain wire (IEC 60092-350)
Outer sheath	HFFR, Halogen Free, SHF1 (IEC 60092-360)
Fire properties	Flame retardant (SOLAS Ch.II-1/45.5.2, IEC 60332-1-2)
Smoke density	Low smoke (IEC/EN 61034-1+2)
Halogen Free	IEC 60754-1 (Low Halogen: <0,5% Halogen) and IEC 60754-2 (Halogen free: pH > 4,3 Conductivity < 10µS)
Operating Voltage	150/250 V
Test Voltage	1.5 kV (AC), 3.6 kV (DC)
IACS Approvals	ABS, BV, DNV, LR, RINA, TL



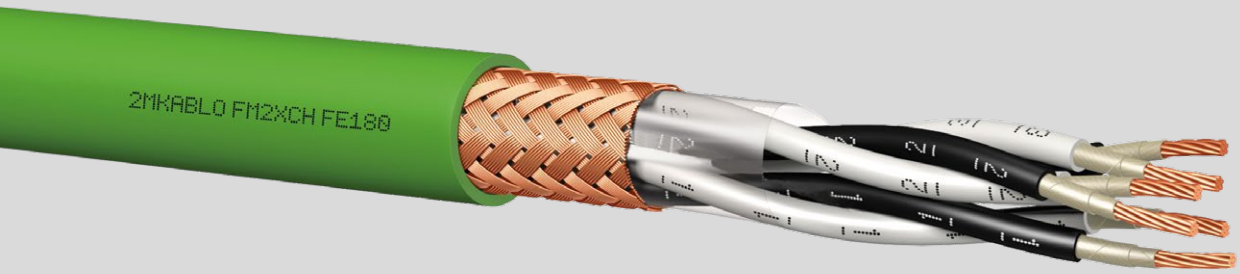
CROSS SECTIONS & CORE SELECTIONS

No of core x Cross Section (mm2)	Cable Diameter (mm)	Cable Weight (kg/mtr)
1x2x0.75	6,9	0,09
1x2x1	7,4	0,10
2x2x0.75	9,8	0,13
2x2x1	10,5	0,15
4x2x0.75	11,4	0,20
4x2x1	12,2	0,23
7x2x0.75	13,8	0,32
7x2x1	14,8	0,23
10x2x0.75	17,6	0,44
10x2x1	18,7	0,32
14x2x0.75	18,1	0,49
14x2x1	19,9	0,53
19x2x0.75	21,2	0,69

LOW VOLTAGE FIRE RESISTANT INSTRUMENT CABLES

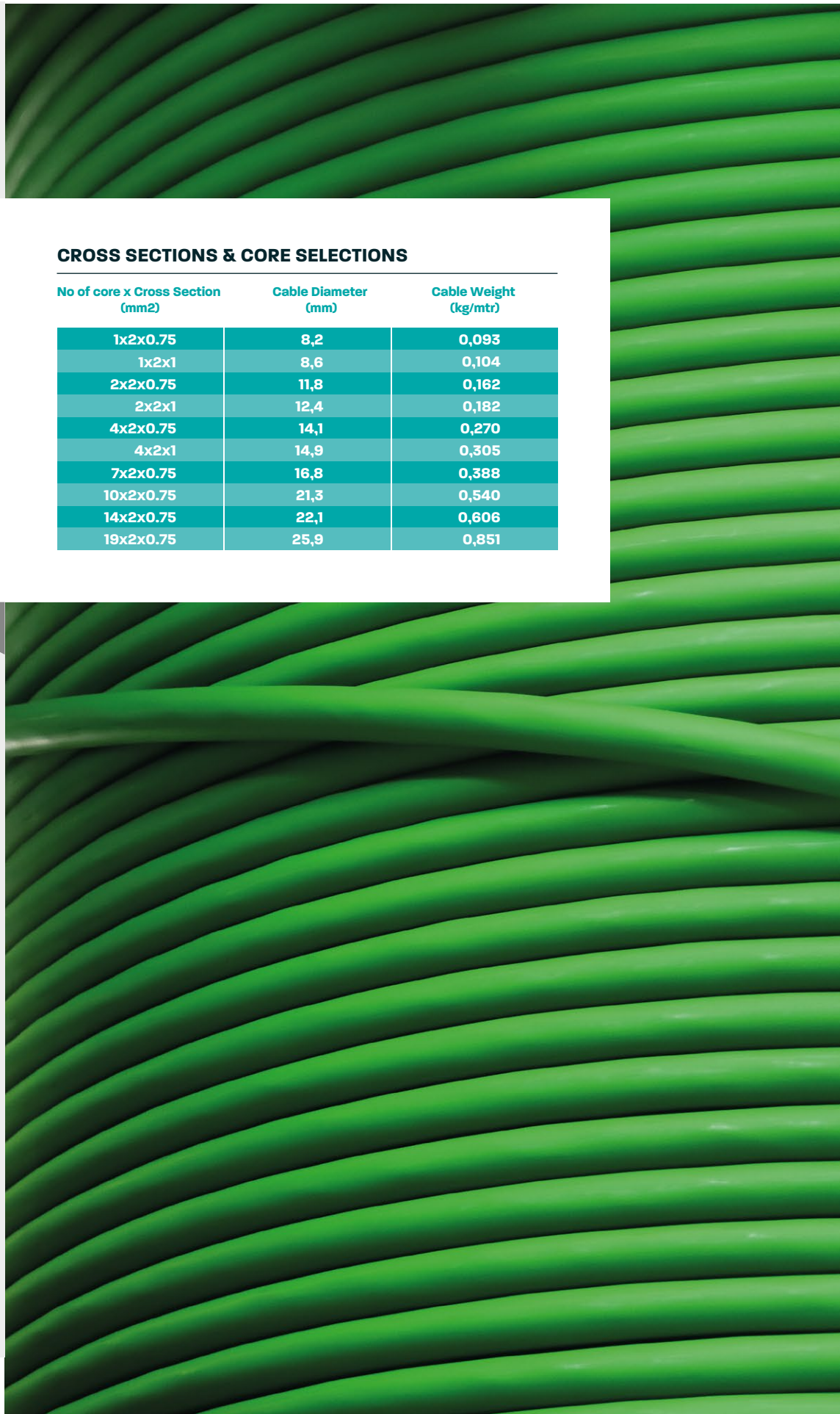
FM2XCH FE180 150/250 (300) V

Used for communication and instrumentation purpose in electronic systems of marine structures. Screening layer protects the transmitting signal against electromagnetic interferences. Halogen-Free and Flame Retardant construction ensure non-corrosive and highly visible environment during a fire. Also, min.180 minutes of circuit integrity under fire conditions is achieved by its special design.



SPECIFICATIONS OF CABLE

Refferance Standart	IEC 60092-376
Conductors	Stranded annealed copper Class 5 (IEC 60092-350 & IEC 60228)
Flame Barrier	Mica Tape
Core insulation	Cross linked polyethylene (XLPE) (IEC 60092-360)
Inner sheath/separator	Halogen free filler or polyester tape
Screen / Armour	Annealed copper wire braiding and drain wire (IEC 60092-350)
Outer sheath	HFFR, Halogen Free, SHF1 (IEC 60092-360)
Fire properties	Flame retardent (SOLAS Ch.II-1/45.5.2, IEC 60332-1-2), Fire resistant (IEC 60331-21, Minimum 180 minutes flame application + 15 minutes cooling down)
Smoke density	Low smoke (IEC/EN 61034-1+2)
Halogen Free	IEC 60754-1 (Low Halogen: <0,5% Halogen) and IEC 60754-2 (Halogen free: pH > 4,3 Conductivity < 10µS)
Operating Voltage	150/250 V
Test Voltage	1.5 kV (AC), 3.6 kV (DC)
IACS Approvals	ABS, BV, DNV, LR, RINA, TL



CROSS SECTIONS & CORE SELECTIONS

No of core x Cross Section (mm2)	Cable Diameter (mm)	Cable Weight (kg/mtr)
1x2x0.75	8,2	0,093
1x2x1	8,6	0,104
2x2x0.75	11,8	0,162
2x2x1	12,4	0,182
4x2x0.75	14,1	0,270
4x2x1	14,9	0,305
7x2x0.75	16,8	0,388
10x2x0.75	21,3	0,540
14x2x0.75	22,1	0,606
19x2x0.75	25,9	0,851

ABS

BUREAU VERITAS

DNV

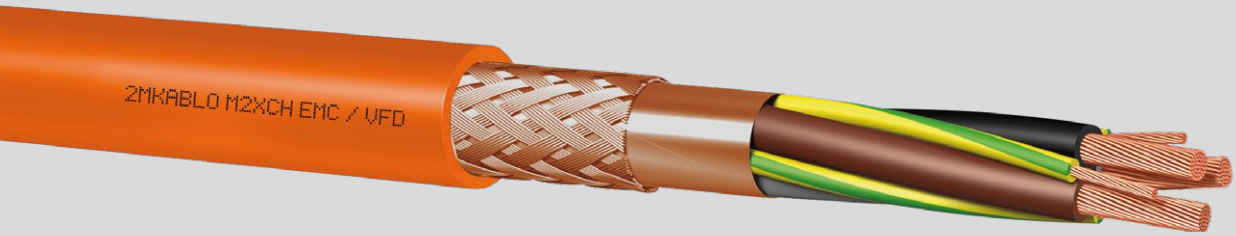
RINA

TÜRK LOYDU ISTANBUL 1962

LOW VOLTAGE FLAME RETARDANT POWER CABLES

M2XCH EMC/VFD 0.6/1 (1.2) kV

They are used as fixed installation cables in various electromechanical and electronic equipment in marine structures. Due to its overall screen, electromagnetic interference is minimized. Halogen-free and Flame Retardant construction ensures a non-corrosive and evident environment during a fire. The product is commonly used as a power supply cable for motors and frequency converters controlled low voltage AC drives on ships, called VFD applications.

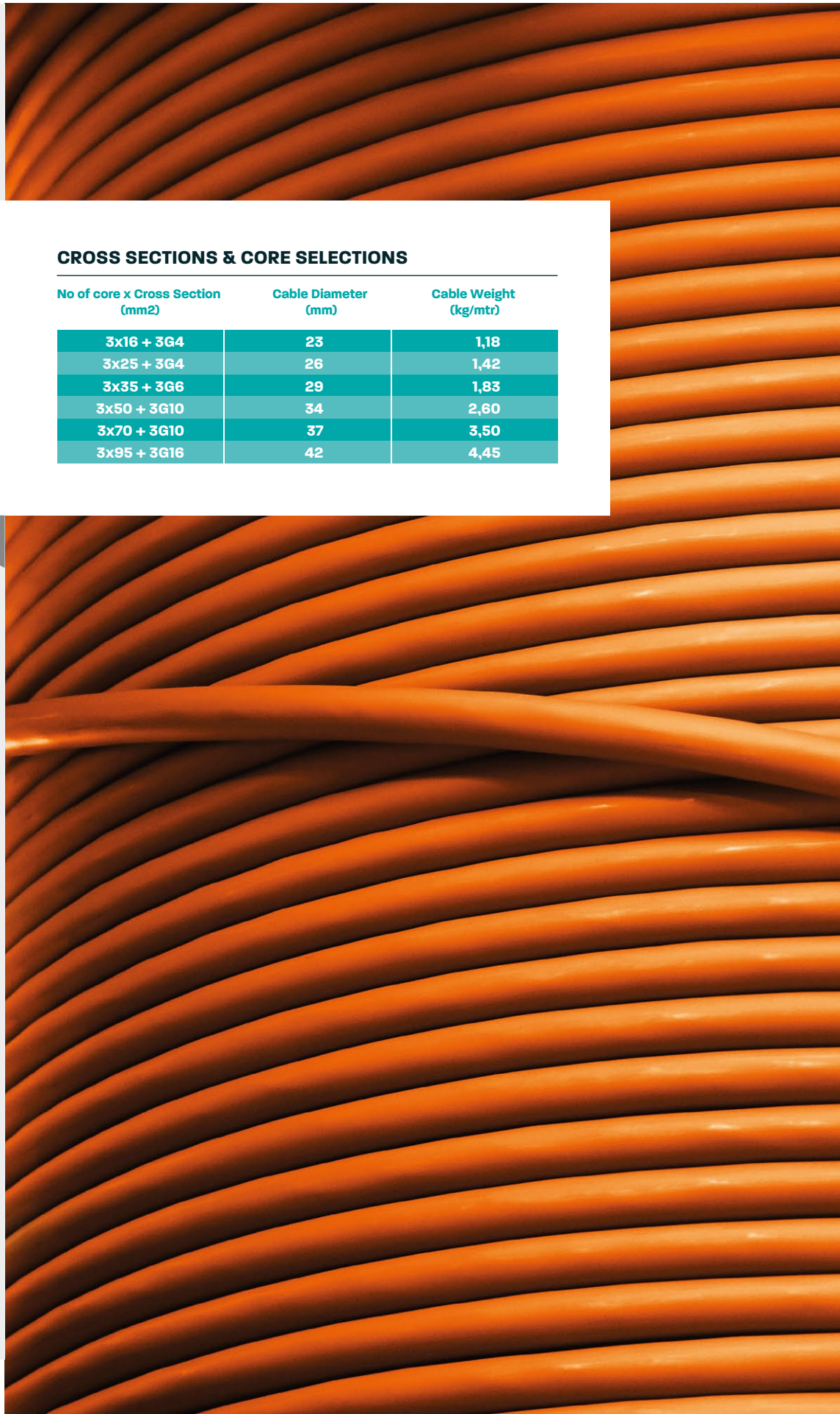


SPECIFICATIONS OF CABLE

Refferance Standart	IEC 60092-353
Conductors	Stranded annealed copper Class 5 (IEC 60092-350 & IEC 60228)
Core insulation	Cross-linked polyethylene (XLPE) (IEC 60092-360)
Inner sheath/separator	Separating foil and/or halogen-free compound
Screen / Armour	Copper tape coverage 100% and copper wire braided screen min. Coverage 90% with drain wire (IEC 60092-350 & DIN EN 50147-1)
Outer sheath	HFFR, Halogen Free, SHF1 (IEC 60092-360)
Fire properties	Flame retardant (SOLAS Ch.II-1/45.5.2, IEC 60332-1-1 & IEC 60332-1-2)
Smoke density	Low smoke (IEC/EN 61034-1+2)
Halogen Free	IEC 60754-1 (Low Halogen: <0,5% Halogen) and IEC 60754-2 (Halogen free: pH > 4,3 Conductivity < 10µS)
Operating Voltage	0,6/1 kV
Test Voltage	3.5 kV (AC), 8.4 kV (DC)
IACS Approvals	LR

CROSS SECTIONS & CORE SELECTIONS

No of core x Cross Section (mm2)	Cable Diameter (mm)	Cable Weight (kg/mtr)
3x16 + 3G4	23	1,18
3x25 + 3G4	26	1,42
3x35 + 3G6	29	1,83
3x50 + 3G10	34	2,60
3x70 + 3G10	37	3,50
3x95 + 3G16	42	4,45

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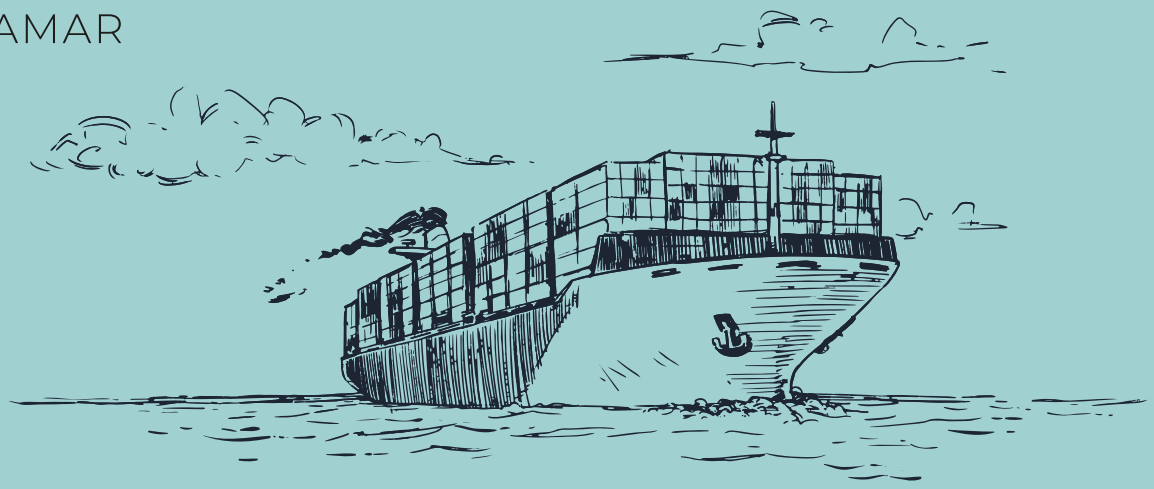

ATLANTIC OCEAN

In the past, a Blue Riband was awarded to Captains who could cross the Atlantic Ocean. It was a sign of how skilful a sailor was. Because only brave Captains could fight against the dangerous storms of this ocean.

With our advanced technical and repair services for today's brave Captains, the seas are as safe as the coasts.

MAY YOUR WINDS BE ABUNDANT AND YOUR ROUTE SAFE.

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