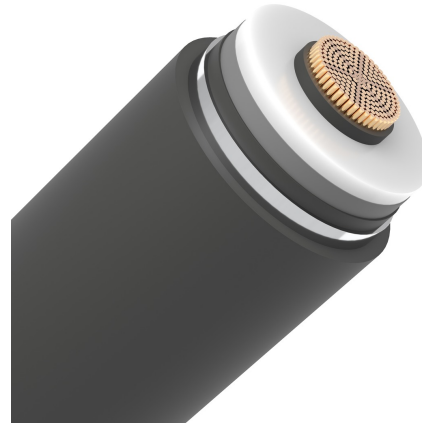


64/110(123)kV

Power cable for distribution, infrastructure and industrial supply

64/110(123)kV is prepared for preliminary product selection and quotation review. This product is used for power distribution and project supply where voltage grade, conductor size, insulation system and installation condition determine the cable selection. Parameters should be reviewed against the selected standard and project specification.



VOLTAGE

64/110kV, 123kV

CONDUCTOR

Copper conductor route, confirmed by technical table

TYPICAL USE

Power distribution networks

STANDARDS

IEC 60840; GB/T 11017

DATA SCOPE

2 technical table(s) included for preliminary selection

SELECTION NOTE

Confirm voltage, conductor, armour, sheath and installation route.

For quotation review, provide cable type, standard, size, quantity and project destination.

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Application & Selection Summary

Typical applications

- Power distribution networks
- industrial plants
- infrastructure projects
- underground or indoor power supply routes
- renewable energy and utility projects requiring project-based cable review.

Selection logic

- Confirm voltage grade, conductor material, armour requirement, insulation/sheath material, installation environment and applicable standard before quotation or production confirmation.

Construction Overview

Item	Website-ready content
Product route	Copper or aluminum conductor with insulation, bedding, optional armour and outer sheath according to product type and project requirement.
Voltage	64/110kV, 123kV
Conductor	Copper conductor route, confirmed by technical table
Standards	IEC 60840; GB/T 11017
Confirmation	Final structure, dimensions and packing should follow selected standard, quotation review and order specification.

Readable Data Index

Data route	Size / rating range	Construction	Diameter / OD	Resistance / weight / rating
1 Core - Cu / XLPE / Corrugated Al / HDPE (64/110kV, e.g.	1 x 240 - 1 x 2000 (Milliken)	See table	78.5 - 128.5	5850 - 27850
1 Core - Cu / XLPE / Lead Sheath / HDPE (64/110kV, e.g. YJ	1 x 240 - 1 x 2000 (Milliken)	See table	80.5 - 133.5	10850 - 40550

Data boundary: these tables support website launch, quotation review and preliminary product selection. For project execution, final dimensions, electrical performance, packing and compliance documents should be confirmed against the selected project standard and order specification.

1 Core - Cu / XLPE / Corrugated Al / HDPE (64/110kV, e.g. YJLW02)

Reference table for preliminary selection and quotation review.

Area (mm ²)	Nom. XLPE Thick. (mm)	CAS Thick. (mm)	Approx OD (mm)	Weight (kg/km)
1 Core - Cu / XLPE / Corrugated Al / HDPE (64/110kV, e.g. YJLW02)				
1 x 240	17.0	1.8	78.5	5850
1 x 300	17.0	1.8	81.2	6650
1 x 400	17.0	1.8	85.5	7850
1 x 500	17.0	1.8	89.2	9150
1 x 630	17.0	2.0	94.5	10850
1 x 800	17.0	2.0	99.8	12850
1 x 1000 (Milliken)	17.0	2.2	105.5	15550
1 x 1200 (Milliken)	17.0	2.2	111.2	17850
1 x 1600 (Milliken)	17.0	2.5	120.5	22550
1 x 2000 (Milliken)	17.0	2.5	128.5	27850

1 Core - Cu / XLPE / Lead Sheath / HDPE (64/110kV, e.g. YJQ02)

Reference table for preliminary selection and quotation review.

Area (mm ²)	Nom. XLPE Thick. (mm)	Lead Thick. (mm)	Approx OD (mm)	Weight (kg/km)
1 Core - Cu / XLPE / Lead Sheath / HDPE (64/110kV, e.g. YJQ02)				
1 x 240	17.0	2.2	80.5	10850
1 x 300	17.0	2.2	83.2	11850
1 x 400	17.0	2.4	88.5	13850
1 x 500	17.0	2.4	92.2	15450
1 x 630	17.0	2.6	98.5	18250
1 x 800	17.0	2.6	103.8	20850
1 x 1000 (Milliken)	17.0	2.8	109.5	24550
1 x 1200 (Milliken)	17.0	2.8	115.2	27450
1 x 1600 (Milliken)	17.0	3.0	124.5	33850
1 x 2000 (Milliken)	17.0	3.2	133.5	40550