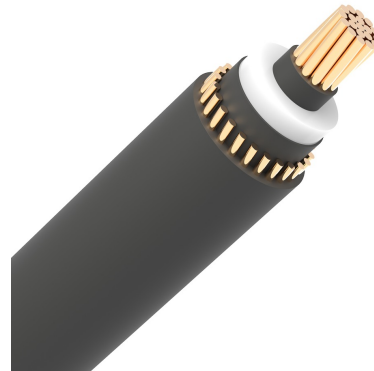


Medium Voltage Concentric Cable

Medium-voltage concentric neutral cable for URD and primary distribution

Medium Voltage Concentric Cable is prepared for preliminary product selection and quotation review. This product is used for medium-voltage underground residential distribution and utility primary distribution routes where concentric neutral wires provide grounding, fault-current return and shielding support.



VOLTAGE

15kV, 25kV, 35kV

CONDUCTOR

Copper or aluminum conductor route, according to product standard

TYPICAL USE

Underground residential distribution

STANDARDS

ICEA S-94-649; AEIC CS8; IEC 60502-2

DATA SCOPE

1 technical table(s) included for preliminary selection

SELECTION NOTE

Confirm voltage, conductor, neutral/earth arrangement, 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

- Underground residential distribution
- utility primary feeders
- direct-burial or duct routes
- medium-voltage grid connection projects

Selection logic

- Confirm voltage class, insulation level, conductor size, concentric neutral ratio, jacket material, installation route and selected ICEA, AEIC, IEC or utility specification before quotation.

Construction Overview

Item	Website-ready content
Product route	Copper or aluminum phase conductor with XLPE insulation, semiconductor screen, helically applied copper concentric neutral wires and outer jacket according to project specification.
Voltage	15kV, 25kV, 35kV
Conductor	Copper or aluminum conductor route, according to product standard
Standards	ICEA S-94-649; AEIC CS8; IEC 60502-2
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
Medium Voltage Concentric Cable - URD selection range	2 AWG - 1000 kcmil / 1/0 AWG - 1000 kcmil	Single core	Neutral: Full, 1/3 or 1/6 neutral	See table

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.

Medium Voltage Concentric Cable - URD selection range

Reference table for preliminary selection and quotation review.

Voltage Rating	Configuration	Conductor Size Range	Concentric Neutral Option	Typical Standards
15kV (100% / 133%)	Single core	2 AWG - 1000 kcmil	Full, 1/3 or 1/6 neutral	ICEA S-94-649 / AEIC CS8
25kV (100% / 133%)	Single core	1/0 AWG - 1000 kcmil	Full, 1/3 or 1/6 neutral	ICEA S-94-649 / AEIC CS8
35kV (100%)	Single core	1/0 AWG - 1000 kcmil	Full, 1/3 or 1/6 neutral	IEC 60502-2 / project specification