

# ENERGEX® MV Distribution Cables

Type: Concentric Neutral (CN), Shielded Power (SP) & Longitudinal Corrugated (LC)

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## DESCRIPTION:

ENERGEX® MV Distribution cables are single conductor concentric neutral power cables available from 5 kV to 46 kV using TR-XLPE. They are suitable for maximum continuous operation at either 90°C or 105°C on request, wet or dry, and are sunlight resistant.

## APPLICATIONS:

Energex® MV Distribution Cables are suitable for use above ground in open air, in cable tray, in conduit in air, aerially when suspended on a messenger wire, and either directly buried or in duct.

## CONSTRUCTION DESIGNS:

The standard design consists of:

- Voltage Rating from 5 kV to 46 kV using TR-XLPE
- Copper Size Range from #8 to 1000 mcm
- Aluminum Size Range from #2 to 1250 mcm
- Conductor Strand block available in several configurations
- Concentric Neutral sizing from 33% to 100% as required
- Corrugated Copper Tapes available
- Jackets available in PE or PVC or XLPE
- Longitudinal water blocking between metallic shield and jacket available on request
- Cable temperature rating from 90°C to 105°C
- FT1 flame rating available on request

## STANDARDS:

- **CSA C68.5:** Primary shielded and concentric neutral cable for distribution utilities
- **CSA C68.10:** Shielded power cable for commercial and industrial applications, 5–46 kV



For more information, please contact your Customer Service Sales Representative  
1-800-268-9473 | 1-800-263-2112 (from QC)  
[www.nexans.ca](http://www.nexans.ca)