

ENERGEX[®] MV Distribution Cables

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

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
- Longitudinal water blocking between metallic shield and jacket available on request
- Jackets available in PE or PVC or XLPE
- Cable temperature rating from 90°C to 105°C

STANDARDS:

- **ANSI/ICEA S-97-682:** Standard for Utility Shielded Power Cables 5 kV - 46 kV
- **ANSI/ICEA S-94-649:** Standard for Concentric Neutral Cables Rated 5 Through 46 KV
- **AEIC CS8:** Specification for Extruded Dielectric Shielded Power Cables Rated 5 kV - 46 kV
- **UL 1072:** Standard for Medium-Voltage Power Cables (MV90 only)
- **RUS Specification U-1:** RUS Specification for 15 kV & 25 kV Primary Underground Power Cable



Note: While suitable for use in cable tray, Energex[®] MV cables are not CT rated as per UL 1072.

For more information, please contact Customer Service and Sales Support
1-800-268-9473 ext.4328 | USA.IndustrialCable@nexans.com
www.nexans.us