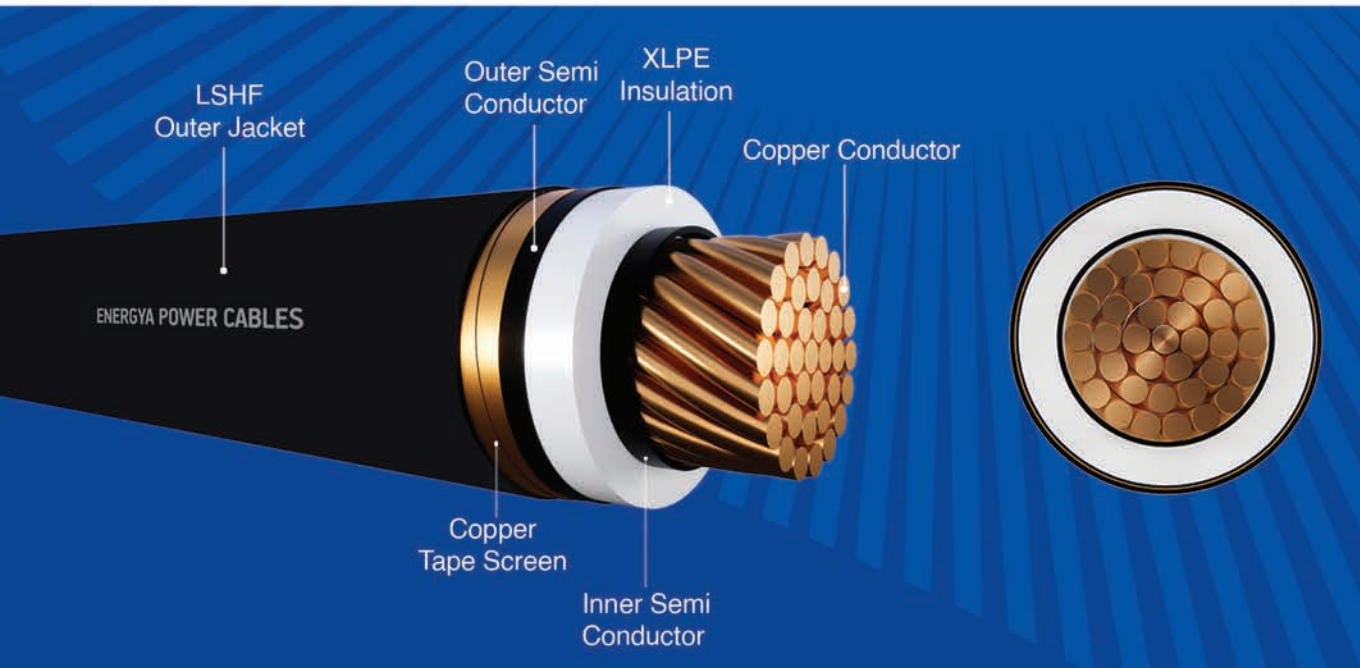
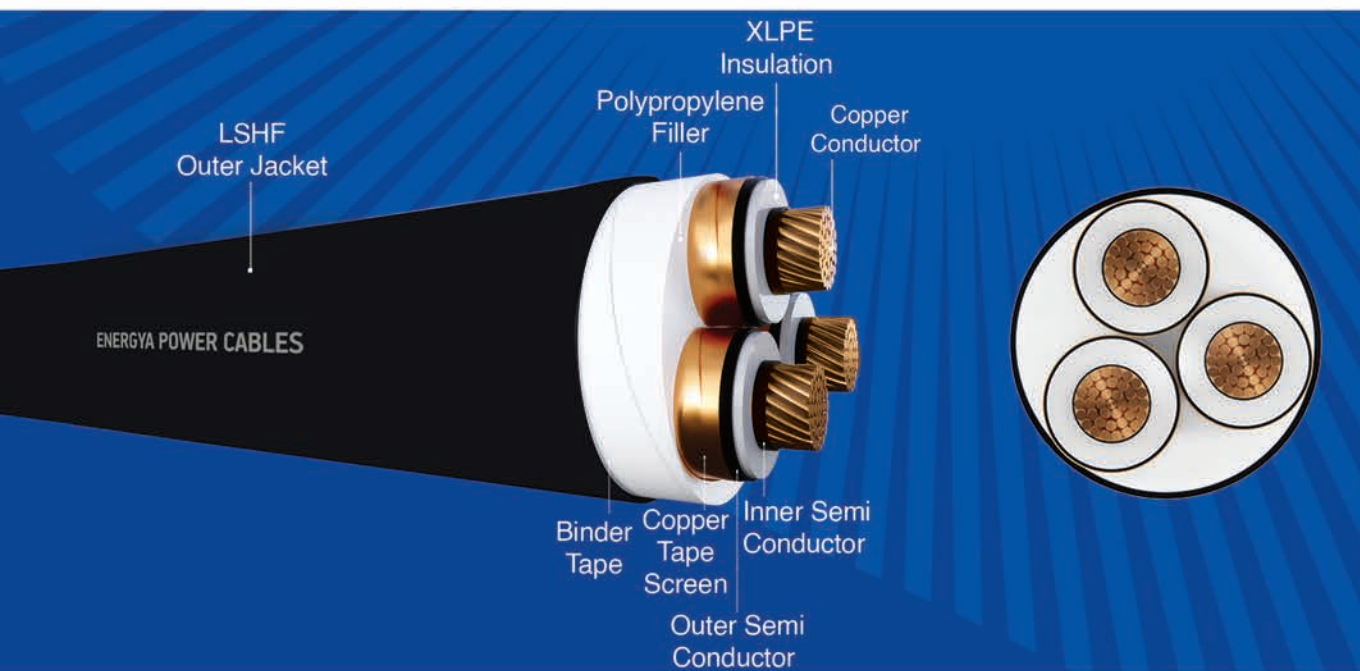


SINGLE CORE CABLES 8.7/15 (17.5) KV



MULTI CORE CABLES 8.7/15 (17.5) KV



Single & Multi Core Cables, with stranded Circular Copper conductors, XLPE insulated, and LSHF Sheath.

Description

- Stranded circular compacted Copper conductor, Semi-conducting layer as conductor screen, XLPE insulated, semi-conducting layer as non-metallic insulation screen, copper tape or wires as a metallic insulation screen, Multi cores are assembled together with non-hygroscopic polypropylene fillers and wrapped with binder tape, and LSHF sheathed.
- Cables are produced Based On IEC 60502-2.

Application

- These cables are generally suitable for direct burial or for installation on trays or in ducts.

SINGLE CORE CABLES

| Product Code | Nominal Cross sectional area mm ² | Max. Conductor Resistance | | Capacitance µf/km | Inductance | | Current Rating | | | | | Approx. Overall Diameter mm | Approx. Weight Kg/Km | |
|------------------------------|---|---------------------------|---------------------|----------------------|------------------|---------------|----------------|---------|------|---------------------------|-----------------|--------------------------------|-------------------------|--|
| | | DC at 20 °C Ω/km | AC at 90 °C Ω/km | | Trefoil mh/km | Flat mh/km | Laid in ground | | | Laid in free air (Shaded) | | | | |
| | | | | | | | Flat | Trefoil | Duct | Flat Touched | Trefoil Touched | | | |
| 1 Core - Cu/XLPE/LSHF | | | | | | | | | | | | | | |
| CT14X301UL | 50 | 0.387 | 0.4937 | 0.2104 | 0.3932 | 0.4394 | 210 | 216 | 162 | 227 | 234 | 22.2 | 840 | |
| CT15X301UL | 70 | 0.268 | 0.3422 | 0.2421 | 0.3696 | 0.4158 | 258 | 260 | 200 | 287 | 295 | 24.3 | 1085 | |
| CT16X301UL | 95 | 0.193 | 0.2467 | 0.2620 | 0.3568 | 0.4030 | 306 | 310 | 240 | 347 | 356 | 25.5 | 1345 | |
| CT17X301UL | 120 | 0.153 | 0.1959 | 0.2851 | 0.3456 | 0.3918 | 349 | 351 | 277 | 403 | 412 | 27.1 | 1615 | |
| CT18X301UL | 150 | 0.124 | 0.1592 | 0.3081 | 0.3348 | 0.3810 | 391 | 393 | 313 | 458 | 466 | 28.5 | 1890 | |
| CT19X301UL | 185 | 0.0991 | 0.1278 | 0.3360 | 0.3223 | 0.3685 | 442 | 443 | 364 | 527 | 536 | 30.4 | 2285 | |
| CT20X301UL | 240 | 0.0754 | 0.0981 | 0.3752 | 0.3104 | 0.3567 | 512 | 510 | 422 | 626 | 634 | 33 | 2875 | |
| CT30X301UL | 300 | 0.0601 | 0.0792 | 0.4177 | 0.2994 | 0.3457 | 581 | 572 | 483 | 723 | 731 | 35.6 | 3470 | |
| CT40X301UL | 400 | 0.047 | 0.0633 | 0.4600 | 0.2908 | 0.3370 | 659 | 641 | 550 | 830 | 841 | 38.4 | 4325 | |
| CT50X301UL | 500 | 0.0366 | 0.0511 | 0.5153 | 0.2814 | 0.3276 | 742 | 721 | 628 | 962 | 968 | 42 | 5470 | |
| CT60X301UL | 630 | 0.0283 | 0.0417 | 0.5713 | 0.2739 | 0.3201 | 830 | 800 | 712 | 1102 | 1098 | 45.7 | 6825 | |
| CT70X301UL | 800 | 0.0221 | 0.0351 | 0.6419 | 0.2672 | 0.3134 | 914 | 872 | 797 | 1248 | 1234 | 50.6 | 8730 | |

MULTI CORE CABLES

| Product Code | Nominal Cross sectional area mm ² | Max. Conductor Resistance | | Capacitance µf/km | Inductance mh/km | Current Rating | | | Approx. Overall Diameter mm | Approx. Weight Kg/Km | |
|------------------------------|---|---------------------------|---------------------|----------------------|---------------------|----------------|------|------------------|--------------------------------|-------------------------|---|
| | | DC at 20 °C Ω/km | AC at 90 °C Ω/km | | | Ground | Duct | Laid In Free Air | | | |
| | | | | | | | | | | | A |
| 3 Core - Cu/XLPE/LSHF | | | | | | | | | | | |
| CT14X303UL | 50 | 0.387 | 0.4938 | 0.2104 | 0.3715 | 207 | 160 | 225 | 46.8 | 2815 | |
| CT15X303UL | 70 | 0.268 | 0.3422 | 0.2421 | 0.3482 | 253 | 197 | 281 | 51.1 | 3600 | |
| CT16X303UL | 95 | 0.193 | 0.2468 | 0.2620 | 0.3366 | 303 | 237 | 341 | 53.9 | 4435 | |
| CT17X303UL | 120 | 0.153 | 0.1960 | 0.2851 | 0.3252 | 344 | 271 | 394 | 57.1 | 5275 | |
| CT18X303UL | 150 | 0.124 | 0.1594 | 0.3081 | 0.3156 | 387 | 306 | 448 | 60.3 | 6180 | |
| CT19X303UL | 185 | 0.0991 | 0.1280 | 0.3360 | 0.3030 | 438 | 348 | 514 | 64.2 | 7415 | |
| CT20X303UL | 240 | 0.0754 | 0.0984 | 0.3752 | 0.2917 | 508 | 407 | 608 | 69.8 | 9305 | |
| CT30X303UL | 300 | 0.0601 | 0.0796 | 0.4177 | 0.2824 | 580 | 468 | 712 | 75.6 | 11230 | |

- The above data is approximate and subjected to manufacturing tolerance.

