



KMA Electricals (P) Ltd.

1836, 1ST FLOOR, BHAGIRATH PALACE, DELHI-110006

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w.e.f. 21.07.2014

Aluminium conductor XLPE power cables as per IS:7098/Part-1/88 with latest ammendments 1.1 kv grade.

| SIZE (MM ²) | ARMoured | | | | | UNARMoured | | | | |
|-------------------------|----------|--------|--------|----------|--------|------------|--------|--------|----------|--------|
| | 1 CORE | 2 CORE | 3 CORE | 3.5 CORE | 4 CORE | 1 CORE | 2 CORE | 3 CORE | 3.5 CORE | 4 CORE |
| 4 | | 123 | 143 | | 164 | | 77 | 86 | | 96 |
| 6 | | 143 | 168 | | 189 | | 86 | 103 | | 122 |
| 10 | | 180 | 210 | | 239 | | 109 | 133 | | 160 |
| 16 | 115 | 212 | 222 | | 271 | 61 | 132 | 171 | | 214 |
| 25 | 139 | 218 | 289 | 334 | 359 | 80 | 170 | 238 | 278 | 298 |
| 35 | 168 | 267 | 366 | 412 | 456 | 100 | 215 | 305 | 346 | 385 |
| 50 | 204 | 333 | 459 | 531 | 586 | 129 | 276 | 395 | 456 | 501 |
| 70 | 258 | 443 | 618 | 720 | 790 | 172 | 372 | 547 | 631 | 697 |
| 95 | 292 | 570 | 790 | 895 | 987 | 222 | 497 | 695 | 804 | 892 |
| 120 | 351 | 680 | 944 | 1118 | 1220 | 278 | 592 | 860 | 1011 | 1122 |
| 150 | 416 | 820 | 1164 | 1326 | 1487 | 338 | 721 | 1065 | 1218 | 1380 |
| 185 | 509 | 1020 | 1422 | 1650 | 1850 | 417 | 901 | 1324 | 1531 | 1718 |
| 240 | 625 | 1270 | 1820 | 2080 | 2360 | 523 | 1146 | 1692 | 1953 | 2197 |
| 300 | 760 | 1550 | 2200 | 2550 | 2870 | 640 | 1414 | 2081 | 2403 | 2713 |
| 400 | 954 | 1950 | 2797 | 3243 | 3650 | 842 | 1813 | 2678 | 3100 | 3502 |
| 500 | 1249 | 2581 | 3615 | 4213 | 4728 | 1007 | 2280 | 3259 | 3765 | 4249 |
| 630 | 1585 | 3248 | 4583 | 5473 | 6118 | 1279 | 2878 | 4138 | 4895 | 5495 |
| 800 | 2013 | | | | | 1680 | | | | |
| 1000 | 2516 | | | | | 2136 | | | | |

THE ABOVE PRICES ARE IN RUPEES AND PER METER

EXTRA FOR SPECIAL CONSTRUCTION - POWER CABLES

| 1) Round Wire Armouring | | FRLS LOADING FACTOR | | | LSZH | |
|---|------|------------------------------------|---------------------------|--------------|--------------|-------|
| Cable / Type (Sq. mm.) | | Inner Sheath Armd./ Un Armd. | Outer Sheath Armd./Unarmd | Inner sheath | Outer sheath | |
| 1 C x 95 mm ² and above | 25% | | | | | |
| 2 C x 16 mm ² and above | 25% | | | | | |
| 3 C x 16 mm ² and above | 25% | | | | | |
| 3.5 C x 25 mm ² and above | 25% | | | | | |
| 4 C x 10 mm ² and above | 25% | | | | | |
| 2) Stranded Conductor (upto 10 sq mm) | | Power Multi Core Aluminium | | | | |
| | 10% | upto 16 mm ² | 10.0% | 15.0% | 15% | 20% |
| 3) Extruded PVC Inner Sheath (upto 50 sq mm) | | 25 to 50 mm ² | 7.5% | 10.0% | 12.50% | 15% |
| | 5.0% | 70 sq mm & Above | 5% | 7.5% | 15% | 12.5% |
| | 2.5% | Power Single Core Aluminium | | | | |
| 4) HR PVC | | upto 16 mm ² | NA | 20% | 25% | 25% |
| a) Insulation | 2.0% | 25 to 70 mm ² | NA | 15% | 20% | 20% |
| b) Inner Sheath | 2.0% | 95 sq mm & Above | NA | 12.5% | 17.5% | |
| c) Outer Sheath | 2.0% | | | | | |
| 5) FR Sheath (OI 26 to 30) | | | | | | |
| | 2.5% | | | | | |
| 6) PVC insulated Cable as per IS:1554 | | | | | | |
| | 5% | | | | | |

TERMS & CONDITIONS:

- 1) The Prices are exclusive of Excise Duty, CESS, Sales Tax, Octroi & any other taxes, which are chargeable Extra as applicable at the time of supply.
- 2) Order acceptance is subject to final confirmation by Head Office and also subject to availability of raw-materials.
- 3) The Prices are subject to change without prior notice.

Auth. Dealer/Stockist



(Regd. Off. : 166, Vigyan Vihar, Delhi-110092

CIN : U31300DL1998PTC094554)



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| Copper conductor XLPE control cables as per is:7098/Part-I/88 with latest amendments 1.1 kv grade. | | | | | | | | | | | |
|--|----------|---------|--------|----------|---------|--------------|------------|---------|----------|---------|------------|
| NO. OF CORES | ARMOURED | | | | | NO. OF CORES | UNARMOURED | | | | |
| | 1.5 MM2 | 2.5 MM2 | CORES | 1.5 MM2 | 2.5 MM2 | | 1.5 MM2 | 2.5 MM2 | CORES | 1.5 MM2 | 2.5 MM2 |
| 2 | 142 | 186 | 14 | 592 | 832 | 2 | 95 | 137 | 14 | 467 | 734 |
| 3 | 175 | 239 | 16 | 612 | 936 | 3 | 125 | 181 | 16 | 530 | 841 |
| 4 | 211 | 297 | 19 | 710 | 1099 | 4 | 157 | 233 | 19 | 623 | 991 |
| 5 | 248 | 355 | 24 | 889 | 1376 | 5 | 186 | 279 | 24 | 788 | 1245 |
| 6 | 284 | 413 | 27 | 991 | 1531 | 6 | 218 | 331 | 27 | 880 | 1393 |
| 7 | 315 | 466 | 30 | 1135 | 1766 | 7 | 247 | 379 | 30 | 1007 | 1596 |
| 8 | 340 | 501 | 37 | 1384 | 2152 | 8 | 275 | 416 | 37 | 1231 | 1957 |
| 9 | 386 | 566 | 44 | 1637 | 2567 | 9 | 308 | 464 | 44 | 1459 | 2334 |
| 10 | 452 | 614 | 52 | 1913 | 3005 | 10 | 343 | 535 | 52 | 1712 | 2743 |
| 12 | 520 | 721 | 61 | 2233 | 3499 | 12 | 404 | 634 | 61 | 2012 | 3206 |
| SIZE (mm2) | ARMOURED | | | | | UNARMOURED | | | | | SIZE (mm2) |
| 4 | 1 CORE | 2 CORE | 3 CORE | 3.5 CORE | 4 CORE | 1 CORE | 2 CORE | 3 CORE | 3.5 CORE | 4 CORE | 4 |
| 6 | | 245 | 318 | | 405 | | 193 | 271 | | 353 | 6 |
| 10 | | 331 | 439 | | 565 | | 274 | 388 | | 508 | 10 |
| 16 | | 500 | 683 | | 881 | | 433 | 621 | | 815 | 16 |
| 25 | 348 | 712 | 967 | | 1270 | 310 | 620 | 918 | | 1213 | 25 |
| 35 | 566 | 1066 | 1563 | 1880 | 2058 | 471 | 959 | 1424 | 1718 | 1882 | 35 |
| 50 | 767 | 1458 | 2153 | 2471 | 2838 | 651 | 1324 | 1970 | 2265 | 2608 | 50 |
| 70 | 1037 | 1980 | 2932 | 3429 | 3884 | 893 | 1813 | 2702 | 3161 | 3580 | 70 |
| 95 | 1457 | 2805 | 4163 | 4852 | 5509 | 1270 | 2577 | 3857 | 4497 | 5113 | 95 |
| 120 | 2049 | 4027 | 5979 | 6986 | 7927 | 1703 | 3588 | 5356 | 6257 | 7111 | 120 |
| 150 | 2578 | 5048 | 7513 | 8952 | 9977 | 2148 | 4514 | 6743 | 8029 | 8970 | 150 |
| 185 | 3208 | 6297 | 9379 | 10817 | 12452 | 2685 | 5632 | 8433 | 9722 | 11210 | 185 |
| 240 | 3944 | 7745 | 11543 | 13493 | 15313 | 3305 | 6943 | 10388 | 12151 | 13808 | 240 |
| 300 | 5065 | 9962 | 14869 | 17333 | 19738 | 4260 | 8954 | 13405 | 15629 | 17821 | 300 |
| 400 | 6314 | 12409 | 18510 | 21592 | 24592 | 5310 | 11169 | 16716 | 19497 | 22233 | 400 |
| 500 | 8272 | 16268 | 24291 | 28092 | 32270 | 6980 | 14660 | 21952 | 25399 | 29210 | 500 |
| 630 | 10439 | | | | | 8815 | | | | | 630 |
| 800 | 13139 | | | | | 11103 | | | | | 800 |
| 1000 | 16649 | | | | | 14091 | | | | | 1000 |
| 1000 | 20780 | | | | | 17604 | | | | | 1000 |

THE ABOVE PRICES ARE IN RUPEES AND PER METER

EXTRA FOR SPECIAL CONSTRUCTION

| | | | | |
|--------------------------------------|------|---|--------------------------------|-------|
| a) Stranded Conductor (upto 6 sq mm) | 6% | | d) Round Wire Armouring | |
| b) Tinned Conductor | 3% | | 1C x 95 sq mm & above | 7.5% |
| c) Extruded PVC Inner Sheath | 2.5% | | i) 1.5 sq mm - 12 Core & above | 15.0% |
| i) 1.5 sq mm - 12 Core & above | | | ii) 2.5 sq mm - 9 Core & above | 15.0% |
| ii) 2.5 sq mm - 9 Core & above | - | | iii) 10 sq mm - 4 Core | 15.0% |
| iii) 10 sq mm - 4 Core | - | | iv) 16 sq mm - 2 Core & above | 15.0% |
| iv) 16 sq mm - 2 Core & above | - | | e) HR PVC | |
| g) PVC insulated Cable | 5% | | i) Insulation | 2% |
| | | | ii) Inner Sheath | 2% |
| | | | iii) Outer Sheath | 2% |
| | | f) FR Sheath with Oxygen Index 26 to 30 | 2.5% | |

FRLS LOADING - POWER CABLE 7.5%

FRLS LOADING FACTOR- CONTROL CABLE:

| Cable Size | FRLS Inner Sheath | FRLS Outer Sheath | | LSZH | |
|-----------------|-------------------|-------------------|------------|--------------|--------------|
| | | Armoured | Unarmoured | Inner Sheath | Outer Sheath |
| 2 to 4 Core | 10% | 10% | 10% | 15% | 15% |
| 5 to 10 Core | 7.5% | 10% | 10% | 15% | 15% |
| 12 Core & above | 7.5% | 7.5% | 7.5% | 12.5% | 12.5% |

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HT XLPE 3 CORE

Stranded **aluminium** conductor. **XLPE** insulated, screened, Inner PVC taped, galvanised flat steel strip **armoured** and PVC overall sheathed cables conforming to is:7098/II/1985 with latest amendments.

| Size (sq mm) | 3.3 KV (E/UE) | 6.6 KV (E) | 6.6 KV (UE)/ 11KV(E) | 11 KV (UE) | 22 KV (E) | 33 KV (E) | 33 KV (UE) | Size (sq mm) |
|--------------|---------------|------------|----------------------|------------|-----------|-----------|------------|--------------|
| 25 | 687 | x | x | x | x | x | x | 25 |
| 35 | 809 | 892 | 981 | x | x | x | x | 35 |
| 50 | 940 | 1015 | 1111 | 1482 | 1587 | x | x | 50 |
| 70 | 1139 | 1225 | 1320 | 1714 | 1835 | x | x | 70 |
| 95 | 1382 | 1471 | 1577 | 1993 | 2122 | 2765 | 3279 | 95 |
| 120 | 1625 | 1718 | 1820 | 2263 | 2400 | 3151 | 3612 | 120 |
| 150 | 1835 | 1938 | 2031 | 2499 | 2647 | 3417 | 3873 | 150 |
| 185 | 2163 | 2256 | 2364 | 2861 | 2996 | 3813 | 4290 | 185 |
| 240 | 2622 | 2731 | 2837 | 3364 | 3510 | 4358 | 4864 | 240 |
| 300 | 3097 | 3255 | 3302 | 3871 | 4027 | 4898 | 5427 | 300 |
| 400 | 3764 | 4074 | 4146 | 4550 | 4742 | 5671 | 6239 | 400 |

EXTRA LOADING

| | | |
|---|--|-------|
| 1 | Extruded PVC Inner Sheath | 5% |
| 2 | Pressure Extruded PVC Inner Sheath | 13% |
| 3 | Round Wire Armouring | |
| | i) Upto 11 KV(E) | 25% |
| | ii) 11 KV (UE) & Above | 27.5% |
| 4 | FRLS PVC Inner Sheath | 5% |
| 5 | FRLS PVC Outer Sheath | 5% |
| 6 | FR Sheath with Oxygen Index (26 to 30) | 3% |

HT XLPE 1 CORE

Aluminium Conductor, XLPE insulated **armoured**, screened cables conforming to IS: 7098/II/85 with latest amendments

| Size (sq mm) | 3.3 KV (E/UE) | | 6.6 KV (E) | | 6.6 KV (UE)/ 11KV(E) | | 11 KV (UE) | | 22 KV (E) | | 33 KV (E) | | 33 KV (UE) | |
|--------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|------------------------|------------------|
| | Al Flat Strip Armoured | Al Wire Armoured | Al Flat Strip Armoured | Al Wire Armoured | Al Flat Strip Armoured | Al Wire Armoured | Al Flat Strip Armoured | Al Wire Armoured | Al Flat Strip Armoured | Al Wire Armoured | Al Flat Strip Armoured | Al Wire Armoured | Al Flat Strip Armoured | Al Wire Armoured |
| 35 | 370 | 389 | 383 | 403 | 406 | 427 | x | x | x | x | x | x | x | x |
| 50 | 406 | 427 | 418 | 441 | 449 | 473 | x | x | x | x | x | x | x | x |
| 70 | 465 | 489 | 478 | 503 | 513 | 540 | 629 | 662 | x | x | x | x | x | x |
| 95 | 525 | 553 | 539 | 567 | 576 | 606 | 733 | 772 | 783 | 824 | 1018 | 1071 | x | x |
| 120 | 592 | 623 | 607 | 639 | 651 | 685 | 828 | 871 | 870 | 915 | 1120 | 1179 | 1249 | 1315 |
| 150 | 662 | 696 | 678 | 714 | 716 | 754 | 899 | 946 | 947 | 997 | 1198 | 1261 | 1355 | 1426 |
| 185 | 762 | 802 | 780 | 821 | 858 | 903 | 1068 | 1124 | 1068 | 1124 | 1343 | 1413 | 1484 | 1562 |
| 240 | 962 | 1012 | 982 | 1033 | 1079 | 1133 | 1227 | 1292 | 1227 | 1292 | 1518 | 1598 | 1761 | 1854 |
| 300 | 1115 | 1174 | 1144 | 1205 | 1262 | 1329 | 1382 | 1455 | 1382 | 1455 | 1780 | 1874 | 1942 | 2044 |
| 400 | 1336 | 1406 | 1388 | 1461 | 1509 | 1586 | 1636 | 1722 | 1636 | 1722 | 2035 | 2142 | 2220 | 2336 |
| 500 | 1622 | 1708 | 1700 | 1790 | 1761 | 1853 | 2019 | 2126 | 2019 | 2126 | 2386 | 2511 | 2564 | 2699 |
| 630 | 2011 | 2117 | 2045 | 2152 | 2101 | 2211 | 2396 | 2522 | 2396 | 2522 | 2797 | 2944 | 2999 | 3157 |
| 800 | 2491 | 2622 | 2513 | 2645 | 2549 | 2683 | 2799 | 2946 | 2799 | 2946 | 3203 | 3371 | 3604 | 3794 |
| 1000 | 3005 | 3164 | 3016 | 3175 | 3317 | 3492 | 3285 | 3458 | 3285 | 3458 | 3904 | 4098 | 4143 | 4361 |

EXTRA LOADING

| | | |
|---|--|----|
| 1 | FRLS PVC Inner Sheath | 5% |
| 2 | FRLS PVC Outer Sheath | 5% |
| 3 | FR Sheath with Oxygen Index (26 to 30) | 3% |
| 4 | Extruded Inner Sheath | 5% |

PRICES ARE FOT DESTINATION, EXCLUSIVE OF EXCISE DUTY, SALES TAX, OCTROI AND OTHER LEVIES

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