

Type : NYY 4 Core - 450 / 750 V

Manufacturing Spec.

(Multicore Flexible CU, PVC Insulated, PVC Sheathed)

DIMENSIONAL & MECHANICAL DATA

| Cable Size Cores | No.of Wire /Diameter | Insulation Thickness | Approx. Overall Diameter | Approx. Net Weight | Standard Reel Length |
|------------------|----------------------|----------------------|--------------------------|--------------------|----------------------|
| - | mm ² | mm | mm | kg/km | m |
| 4x0.75 | 24x0.20 | 0.6/1.2 | 8.0 | 98 | 100 |
| 4x1.0 | 32x0.20 | 0.6/1.2 | 8.7 | 119 | 100 |
| 4x1.5 | 30x0.25 | 0.7/1.3 | 10.2 | 164 | 100 |
| 4x2.5 | 50x0.25 | 0.8/1.3 | 12.0 | 236 | 100 |
| 4x4 | 56x0.30 | 0.8/1.4 | 13.3 | 323 | 1,000 |
| 4x6 | 84x0.30 | 0.8/1.4 | 14.8 | 428 | 1,000 |
| 4x10 | 80x0.40 | 1.0/1.5 | 18.3 | 686 | 1,000 |
| 4x16 | 126x0.40 | 1.0/1.6 | 20.9 | 970 | 1,000 |
| 4x25 | 196x0.40 | 1.2/1.7 | 25.7 | 1,460 | 1,000 |
| 4x35 | 276x0.40 | 1.2/1.8 | 28.7 | 1,936 | 1,000 |
| 4x50 | 396x0.40 | 1.4/2.0 | 33.8 | 2,724 | 1,000 |
| 4x70 | 360x0.50 | 1.4/2.1 | 38.3 | 3,690 | 1,000 |

ELECTRICAL DATA

| Cable Size Cores | Max. DC Resistance at 20°C | | Current Carrying Capacity In Air 30°C | Short Circuit Current at 1 sec |
|------------------|----------------------------|------------|---------------------------------------|--------------------------------|
| | Conductor | Insulation | | |
| - | Ohm/km | M.Ohm.km | A | kA |
| 4x0.75 | 26.00 | 50 | 6 | 86 |
| 4x1.0 | 19.50 | 50 | 10 | 115 |
| 4x1.5 | 13.30 | 40 | 15 | 173 |
| 4x2.5 | 7.98 | 30 | 20 | 288 |
| 4x4 | 4.95 | 30 | 26 | 460 |
| 4x6 | 3.30 | 30 | 33 | 690 |
| 4x10 | 1.91 | 20 | 45 | 1,150 |
| 4x16 | 1.21 | 20 | 61 | 1,840 |
| 4x25 | 0.78 | 20 | 80 | 2,875 |
| 4x35 | 0.554 | 20 | 98 | 4,025 |
| 4x50 | 0.386 | 15 | 122 | 5,750 |
| 4x70 | 0.272 | 15 | 152 | 8,050 |