

| | | | |
|---------------------|---------|--------------------|---------------|
| XLPE | F2CC... | Primary group code | Copper 5 Core |
| FRPVC (red stripe) | ...001 | Finish code | 600/1000V |
| LHPVC (blue stripe) | ...002 | code | SANS 1507 |

| Size code | ...naaa... | 5915 | 5925 | 5004 | 5006 | 5010 | 5016 | 5025 | 5035 | 5095 |
|-------------------------|---------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|
| Conductor size | mm ² nom | 1.5 | 2.5 | 4 | 6 | 10 | 16 | 25 | 35 | 95 |
| Conductor diameter | mm app. | 1.6 | 2.0 | 2.5 | 3.5 | 4.0 | 5.0 | 6.0 | 7.5 | 12.0 |
| Insulation diameter | mm app. | 3.0 | 3.5 | 4.0 | 4.5 | 5.5 | 6.5 | 8.0 | 9.0 | 14.0 |
| Cable diameter | mm app. | 12.0 | 13.0 | 14.5 | 16.0 | 18.5 | 21.0 | 26.0 | 29.0 | 43.0 |
| Cable mass meter | kg/m app. | 0.26 | 0.33 | 0.45 | 0.59 | 0.84 | 1.21 | 1.83 | 2.41 | 1.52 |
| Gross mass (500 m) | kg app. | 123 | 155 | 208 | 270 | 391 | 563 | 857 | 1134 | 636 |
| Bending radius | mm min. | 96 | 104 | 116 | 128 | 148 | 168 | 208 | 232 | 344 |
| Resistance | | | | | | | | | | |
| dc @ 20°C | Ω/km max | 12.100 | 7.410 | 4.610 | 3.080 | 1.830 | 1.150 | 0.727 | 0.524 | 0.193 |
| ac @ 90°C | Ω/km max | 14.478 | 8.867 | 5.517 | 3.687 | 2.192 | 1.378 | 0.927 | 0.669 | 0.248 |
| Reactance | Ω/km | 0.106 | 0.099 | 0.093 | 0.089 | 0.084 | 0.081 | 0.081 | 0.079 | 0.072 |
| Impedance | Ω/km | 15.429 | 9.449 | 5.879 | 3.928 | 2.335 | 1.469 | 0.931 | 0.673 | 0.258 |
| Short circuit ratings | | | | | | | | | | |
| Symmetrical | kA (1sec) | 0.2 | 0.3 | 0.5 | 0.8 | 1.4 | 2.2 | 3.4 | 4.7 | 12.8 |
| (Three Phase) Volt Drop | mV/A/m | 26.72 | 16.37 | 10.18 | 6.80 | 4.04 | 2.54 | 1.61 | 1.17 | 0.45 |

Last updated May 2006

When ordering please quote: primary + size + finish code
e.g. F2CC 5025 001



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