

PVC F4CC... Primary group code
 FRPVC SWA FRPVC (red stripe) ...111 Finish code
 LHPVC SWA LHPVC (blue stripe) ...212

Copper 7 Core
 600/1000 V
 SANS 1507

| Size code | ...naaa... | 7910 | 7915 | 7925 | 7004 | 7006 | 7010 |
|--------------------------|---------------------|--------|--------|-------|-------|-------|-------|
| Conductor size | mm ² nom | 1 | 1.5 | 2.5 | 4 | 6 | 10 |
| Conductor diameter | mm app. | 1.3 | 1.7 | 2.2 | 2.5 | 3 | 4 |
| Insulation diameter | mm app. | 3 | 3.5 | 4 | 5 | 5.5 | 6 |
| Bedding diameter | mm app. | 10.5 | 12 | 13 | 15 | 17.5 | 20 |
| Armour diameter | mm app. | 13 | 14 | 15 | 17.5 | 20 | 22.5 |
| Cable diameter | mm app. | 16 | 17 | 18 | 21 | 23.5 | 26 |
| Cable mass | kg/m app. | 0.53 | 0.6 | 0.7 | 0.94 | 1.25 | 1.6 |
| Gross mass (500 m) | kg app. | 310 | 355 | 420 | 550 | 685 | 880 |
| Bending radius | mm min. | 160 | 170 | 180 | 210 | 235 | 260 |
| Resistance | | | | | | | |
| dc @ 20°C | Ω/km max | 18.1 | 12.1 | 7.41 | 4.61 | 3.08 | 1.83 |
| ac @ 70°C | Ω/km max | 21.66 | 14.48 | 8.87 | 5.52 | 3.69 | 2.19 |
| Reactance | | | | | | | |
| | Ω/km | 0.115 | 0.107 | 0.103 | 0.103 | 0.097 | 0.091 |
| Capacitance | | | | | | | |
| | μF/km | 0.281 | 0.315 | 0.375 | 0.376 | 0.44 | 0.532 |
| Impedance | | | | | | | |
| | Ω/km | 21.657 | 14.478 | 8.867 | 5.517 | 3.687 | 2.192 |
| Short circuit ratings | | | | | | | |
| Symmetrical | kA (1sec) | 0.13 | 0.19 | 0.32 | 0.51 | 0.76 | 1.28 |
| Earth fault | kA (1sec) | 1.68* | 1.80* | 2.05* | 2.36* | 3.56* | 4.07* |
| (Single Phase) Volt Drop | | | | | | | |
| | mV/A/m | 43.31 | 28.96 | 17.73 | 11.03 | 7.37 | 4.38 |

Last updated May 2006

When ordering please quote: primary + size + finish code

e.g. F4CC 7010 111



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