

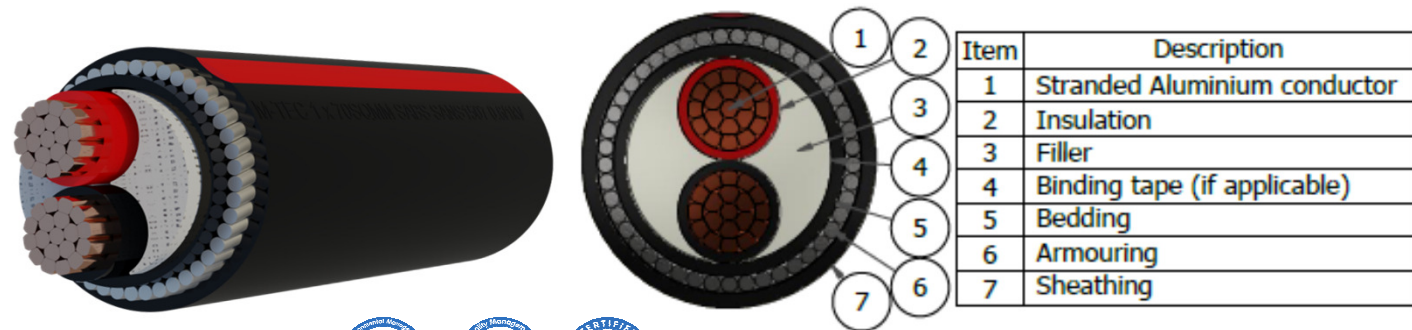
2 Core
Circular Copper, PVC, PVC, SWA, FRPVC / LHFRPVC.

Application:
For use in power circuits of 600/1 000V earthed systems. Installed in cable trays, ducts and underground.

Construction:
2 Core, Copper stranded circular conductor, PVC Insulated, PVC bedding, steel wire armoured, flame retardant PVC / Low halogen flame retardant PVC Sheath.

Voltage Rating: 600 / 1 000V
Specification: SANS 1507-3

| SIZE CODE | | | | CP 2x(conductor size)FR / LH 1kV | | | | | | | | | | | | | | | | |
|----------------------|--------------------|---------------------|------------------|----------------------------------|----------------|------------|------------------|----------------|-----------------------|----------------|----------|-------|-----------|------------|-------------|-----------|-------------|-----------------------|-------|------------------------|
| Conductor size | Conductor diameter | Insulation diameter | Bedding diameter | Armour diameter | Cable diameter | Cable mass | Cable gross mass | Bending radius | Maximum pulling force | Current rating | | | Reactance | Resistance | | Impedance | Capacitance | Short circuit ratings | | Single phase volt drop |
| | | | | | | | | | | Amps | Ω/km max | Ω /km | | μF/km | Symmetrical | | | Earth fault | | |
| | | | | | | | | | | | | | | | | | | | air | |
| mm ² Nom. | mm Nom. | mm Nom. | mm Nom. | mm Nom. | mm Nom. | kg/m Nom. | 500m Nom. | mm min. | N | | | | Ω/km | | | | | | | |
| 35 | 6.7 | 9.1 | 21.3 | 23.8 | 27.2 | 1.64 | 1 050 | 272 | 309 | 168 | 175 | 142 | 0.099 | 0.524 | 0.627 | 0.635 | 0.726 | 4.449 | 3.645 | 1.27 |
| 95 | 11.1 | 14.4 | 32.0 | 36.0 | 40.5 | 4.06 | 2 259 | 405 | 838 | 293 | 299 | 244 | 0.096 | 0.193 | 0.232 | 0.251 | 0.854 | 12.078 | 8.978 | 0.50 |



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