

Application:

For use in power circuits of 600/1000V earthed systems as earth core. Installed in Cable trays and ducts.

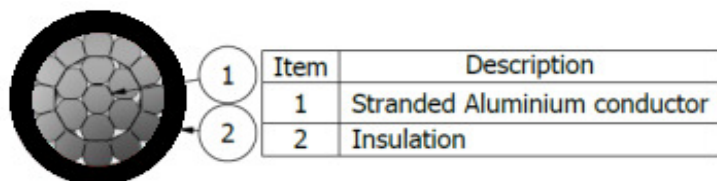
Voltage Rating: 600 / 1 000V

Specification: SANS 1507-3

Construction:

Single core, Aluminium stranded circular conductor, PVC insulated.

| SIZE CODE | | | APS 1X (Conductor Size)BLACK FR | | | | | | | | | | |
|----------------------|--------------------|---------------------|---------------------------------|------------------|----------------|----------------|-------|-----------|-----------|-------------|------------|-----------|--|
| Conductor size | Conductor diameter | Insulation diameter | Cable mass | Cable gross mass | Bending radius | Current rating | | Reactance | Impedance | Capacitance | Resistance | | Symmetrical short circuit fault rating |
| | | | | | | Amps | | | | | Ω/km max | | |
| mm ² Nom. | mm Nom. | mm Nom. | kg/m Nom. | 500m Nom. kg | mm min. | air | ducts | Ω/km | Ω /km | µF/km | dc @ 20°C | ac @ 90°C | kA (1sec) |
| 50 | 8.3 | 11.0 | 0.192 | 246 | 132 | 114 | 90 | 0.083 | 0.775 | 0.228 | 0.641 | 0.771 | 3.3 |
| 95 | 11.8 | 14.9 | 0.358 | 329 | 179 | 203 | 142 | 0.080 | 0.395 | 0.187 | 0.320 | 0.387 | 6.6 |



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Revision: R00 24/03/2020

