

## Welding Cable (100 V Max)



### CONDUCTOR CONSTRUCTION

**Conductor:**

**BUNCH:** SANS 1411-1 Class 5

**CORE:** SANS 60227-5

**Insulation:**

PVC/ Nitrile blend. SANS 1576

**Packaging:**

Bulk on 710 plastic spools or coiled as per requirement

### INSULATED CONDUCTOR

**Material type:** PVC/ Nitrile blend

**Continuous temperature:** 70°C

**Oil resistant:** Yes

**Fire Retardancy:** Yes (SABS 502)

**Insulation thickness:** As per SANS 1576

Nominal Cross-Section mm <sup>2</sup>	Number of individual wires	Diameter of individual wires mm	Bunch Diameter maximum mm	Resistance max @ 20 C maximum mΩ/m	Insulation wall thickness minimum mm	External diameter minimum	External diameter maximum	Weight approximately kg/1000m
16.0	504	0.200	6.2	1.210	2.0	8.8	11.5	214
25.0	779	0.200	7.2	0.780	2.0	10.0	13.0	308
35.0	1102	0.200	8.8	0.554	2.0	11.0	14.5	410
50.0	1577	0.200	10.6	0.386	2.2	13.0	17.0	577
70.0	2242	0.200	12.5	0.272	2.4	15.0	19.5	800
95.0	2964	0.200	14.3	0.206	2.6	17.0	22.0	1043