



## PVC NITRILE TRAILING CABLE

### CABLE DESCRIPTION

A highly conductive bunched plain copper conductors according to SANS Part 1411 Part 1. Cores are insulated and bedded with flexible PVC. Outer sheath is an Orange Flexible grade PVC Nitrile with water block.

### INSTALLATION INFORMATION

- Power supply for mobile and stationary industrial machinery.
- Applications that require medium duty abrasion and where oil and water resistance is required.

### PROPERTIES

- Good chemical resistance
- Flame retardant, self-extinguishing
- Oil and water resistant

**Specification:** SANS 1574  
**Temperature Range:** -10°C to 70°C  
**Voltage Rating:** 600/1000 volts  
**Core Identification:** Red, Yellow, Blue and Black  
**Packaging:** Coils cut to size or drummed to order

### TECHNICAL DATA

Size	OD mm	Current rating Amps	Resistance $\Omega$	Volt Drop mv/A/M	Mass kg/100m
1.5mm <sup>2</sup> x 4	11	16	13.3	25	20
2.5mm <sup>2</sup> x 4	13	25	7.98	15	30
4mm <sup>2</sup> x 4	15	32	4.96	9.5	39
6mm <sup>2</sup> x 4	17	37	3.3	6.4	50
10mm <sup>2</sup> x 4	20	50	1.91	3.8	70
16mm <sup>2</sup> x 4	23	68	1.21	2.4	99
25mm <sup>2</sup> x 4	26.2	95	0.78	1.5	143
35mm <sup>2</sup> x 4	31.5	115	0.554	1.1	210

**Note:** Assumed ambient air temperature is 30°C  
Assumed maximum conductor temperature is 70°C