

Metric Cables (Pty) Ltd

87 NEWTON ROAD
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PVC NITRILE TRAILING CABLE

CABLE DESCRIPTION

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 Ω	Volt Drop mv/A/M	Mass kg/100m
1.5mm ² x 4	11	16	13.3	25	20
2.5mm ² x 4	13	25	7.98	15	30
4mm ² x 4	15	32	4.96	9.5	39
6mm ² x 4	17	37	3.3	6.4	50
10mm ² x 4	20	50	1.91	3.8	70
16mm ² x 4	23	68	1.21	2.4	99
25mm ² x 4	26.2	95	0.78	1.5	143
35mm ² 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