

# Nitrile Trailing Cable

Flexible PVC - 4 Core



## Cable Description

High conductivity bunch plain flexible copper conductors to SANS 1411 Part 1. Cores insulated and bedded with Flexible PVC. Flexible Grade PVC / Nitrile outer sheath.

## Installation Information

- Power supply of 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 / 1000V
Sheath Identification	: PVC / Nitrile - Orange
Core Identification	: Red, Yellow, Blue, Black
Packaging	: Available on 500 metre wooden drums

## Technical Data

Cable Size	Approx. Overall Diameter	Current Rating *	Conductor Resistance @ 20°C Maximum	1 $\phi$ Volt Drop	Approx. Cable Mass
(mm <sup>2</sup> )	(mm)	(A)	( $\Omega$ /km)	(mV/A/m)	(kg/m)
1,5 x 4	11	15	13,3	25	0,2
2,5 x 4	13	20	7,98	15	0,3
4 x 4	15	30	4,96	9,5	0,4
6 x 4	17	35	3,30	6,4	0,5
10 x 4	20	50	1,91	3,8	0,7
16 x 4	23	65	1,21	2,4	1
25 x 4	26,2	95	0,78	0,87	1,4

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