

ISBN 978-0-626-38494-4

SANS 1507-3:2020

Edition 1.4

SOUTH AFRICAN NATIONAL STANDARD

**Electric cables with extruded solid dielectric
insulation for fixed installations
(300/500 V to 1 900/3 300 V)**

Part 3: PVC Distribution cables

WARNING

This document references other
documents normatively.

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Table of changes

Change No.	Date	Scope
Amdt 1	2007	Amended to change the designation of SABS standards to SANS standards, to update referenced standards and a cross-reference to SANS 1507-1, and to delete reference to the standardization mark scheme.
Amdt 2	2015	Amended to update referenced standards.
Amdt 3	2019	Amended to update general requirements and the tables on list of tests to be conducted and thickness and on insulation resistance of PVC insulation of types D1, D2, D3, D4, D5 and D6.
Amdt 4	2020	Amended to change the options for phase colours in the table on core colour coding.

Foreword

This South African standard was prepared by National Committee SABS/TC 066, *Electric cables*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement

This document was approved for publication in June 2020.

This document supersedes SANS 1507-3:2019 (edition 1.3).

A vertical line in the margin shows where the text has been technically modified by amendment No. 4.

This document is referenced in the *Compulsory specification for the safety of electric cables with extruded solid dielectric insulation for fixed installations*, as published by Government Notice No. R. 1169 (Government Gazette No. 21759) of 24 November 2000.

Compliance with this document cannot confer immunity from legal obligations.

SANS 1507 consists of the following parts, under the general title *Electric cables with extruded solid dielectric insulation for fixed installations (300/500 V to 1 900/3 300 V)*:

Part 1: General.

Part 2: Wiring cables.

Part 3: PVC Distribution cables.

Part 4: XLPE Distribution cables.

Part 5: Halogen-free distribution cables.

Part 6: Service cables.

For guidance the following additional information, which does not form part of the requirements of this standard, is provided in SANS 1507-1:

- a) guidance on the verification of the quality of extruded solid dielectric insulated cables; and
- b) guidance on the installation of extruded solid dielectric insulated cables.

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