

**SRI LANKA STANDARD 1186: 2021**  
**UDC 621.315**

**SPECIFICATION FOR  
ELECTRIC CABLES -THERMOSETTING  
INSULATED, ARMoured CABLES OF  
RATED VOLTAGE OF 600/1 000 V AND  
1 900/3 300 V FOR FIXED INSTALLATIONS**  
*(First Revision)*

**SRI LANKA STANDARDS INSTITUTION**

**Sri Lanka Standard**  
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ARMOURED CABLES OF RATED VOLTAGE OF 600/1 000 V AND 1 900/3 300 V  
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## **FOREWORD**

This Sri Lanka Standard was approved by the Sectoral Committee on Electric Cables and Conductors and was authorized for adoption as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 2021-12-22. This is the first revision.

This Sri Lanka Standard specifies requirements for the construction and performance of thermosetting insulated, armoured cables of rated voltages of 600/1 000 V and 1 900/3 300 V. This Standard is applicable to cables for use in fixed installations in industrial areas, buildings or similar applications.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the result of a test or an analysis shall be rounded off in accordance with SLS 102, in case if the method of rounding off is not specified in the text of this standard. The number of figures to be retained in the rounded off value, shall be the same as that of the specified value in this standard.

All values given in this standard is in SI units.

In the preparation of this standard, the assistance derived from the publication of **BS 5467: 2016** Electric cables – Thermosetting insulated, armoured cables of rated voltages of 600/1000V and 1900/3300V for fixed installations – Specification, of the British Standards Institution is gratefully acknowledged.

## **1 SCOPE**

This Sri Lanka Standard specifies requirements for the construction and performance of thermosetting insulated, armoured cables of rated voltages of 600/1000 V and 1900/3300 V. This Standard is applicable to cables for use in fixed installations in industrial areas, buildings or similar applications.

This Standard specifies requirements for the following types of cables:

- a) 600/1000 V cables, wire armoured and oversheathed, having single-core, two-, three-, four- and five-core stranded copper conductor;
- b) 600/1000 V multicore auxiliary cables, wire armoured and oversheathed, stranded copper conductor; and