

**SRI LANKA STANDARD 986 : 1993**

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**SPECIFICATION FOR**  
**PVC INSULATED CABLES FOR OVERHEAD**  
**TELECOMMUNICATION LINES**

**SRI LANKA STANDARDS INSTITUTION**

SPECIFICATION FOR PVC INSULATED CABLES FOR  
OVERHEAD TELECOMMUNICATION LINES

SLS 986 : 1993

Gr. 8

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**FOREWORD**

This standard was approved by the Sectoral Committee on Basic standards in Electronic Engineering and was authorized for adoption as a Sri Lanka Standard by the Council of the Sri Lanka Standards Institution on 1993-01-21.

This standard prescribes requirements and methods of test for conductors and insulation of overhead telecommunication cables.

All values given in this specification are in SI units.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated, expressing the results of a test or an analysis shall be rounded off in accordance with SLS 102. The number of figures to be retained in the rounded off values shall be the same as that of the specified value in this standard.

Guidelines for the determination of a compliance of a lot with the requirements of this standard based on statistical sampling and inspection is given in Appendix A.

In the preparation of this standard, the assistance derived from the following publications is gratefully acknowledged.

- BS 174 : 1970      Hard drawn copper and copper cadmium wire for telegraph and telephone purposes
- IEC 189-1 : 1986    Low-frequency cables and wires with p.v.c. insulation and p.v.c. sheath  
Part 1 : General test and measuring methods

**1 SCOPE**

This standard specifies dimensions, quality of hard drawn copper wire and insulating material for cables for overhead telecommunication lines.

**2 REFERENCES**

- SLS 102    Presentation of numerical values.  
SLS 428    Random sampling methods.  
SLS 580    Basic environmental testing procedures.  
SLS\* 988    PVC insulation and sheath of electric cables.