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## S T A N D A R D S

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**Data Standards Subcommittee**

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**AMERICAN NATIONAL STANDARD**

**ANSI/SCTE 260-7 2020**

**DPoE Physical Layer Specification**

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## 1. Introduction

### 1.1. Executive Summary

The present document provides the SCTE endorsement of CableLabs specification: DPoE-SP-PHYv2.0-I06-180228.

### 1.2. Scope

This specification identifies requirements for the EPON PHY for the adaptation or additions to DOCSIS specifications that are required to support DOCSIS Provisioning of EPON.

This specification:

- Specifies interoperable implementations for various DPoE vendors; and
- Specifies additional requirements for EPON PHY layer as used in cable networks which are outside the scope of [802.3] specifications.

## 2. Normative References

The following documents contain provisions, which, through reference in this text, constitute provisions of this document. At the time of Subcommittee approval, the editions indicated were valid. All documents are subject to revision; and while parties to any agreement based on this document are encouraged to investigate the possibility of applying the most recent editions of the documents listed below, they are reminded that newer editions of those documents might not be compatible with the referenced version.

### 2.1. SCTE References

- No normative references are applicable.

### 2.2. Standards from Other Organizations

[1] DPoE Physical Layer Specification, DPoE-SP-PHYv2.0-I06-180228, February 28, 2018, Cable Television Laboratories, Inc. [www.cablelabs.com](http://www.cablelabs.com)

### 2.3. Published Materials

- No normative references are applicable.

## 3. Informative References

The following documents might provide valuable information to the reader but are not required when complying with this document.

### 3.1. SCTE References

- No informative references are applicable.

### 3.2. Standards from Other Organizations

- No informative references are applicable.

### 3.3. Published Materials

- No informative references are applicable.

## 4. Compliance Notation

<i>shall</i>	This word or the adjective “ <i>required</i> ” means that the item is an absolute requirement of this document.
<i>shall not</i>	This phrase means that the item is an absolute prohibition of this document.
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## 5. Abbreviations and Definitions

### 5.1. Abbreviations

For the purposes of the present document, the abbreviations given in CableLabs specification: DPoE-SP-PHYv2.0-I06-180228, [1] apply.

### 5.2. Definitions

For the purposes of the present document, the definitions given in CableLabs specification: DPoE-SP-PHYv2.0-I06-180228 [1] apply.

## 6. Endorsement Notice

All elements of CableLabs specification: DPoE-SP-PHYv2.0-I06-180228 [1] *shall* apply without modifications.