

DECLARATION

OF

SPECIFICATION

ENTITLED

TRANSMISSION AND MULTIPLEXING (TM); PHYSICAL AND ELECTRICAL
CHARACTERISTICS OF HIERARCHICAL DIGITAL INTERFACES FOR EQUIPMENT
USING THE 2048 KBIT/S – BASED PLESIOCHRONOUS OR
SYNCHRONOUS DIGITAL HIERARCHIES

AS

THE IRISH STANDARD SPECIFICATION FOR

TRANSMISSION AND MULTIPLEXING (TM); PHYSICAL AND ELECTRICAL
CHARACTERISTICS OF HIERARCHICAL DIGITAL INTERFACES FOR EQUIPMENT
USING THE 2048 KBIT/S – BASED PLESIOCHRONOUS OR
SYNCHRONOUS DIGITAL HIERARCHIES

EOLAS - The Irish Science and Technology Agency in exercise of the power conferred by section 20 (3) of the Industrial Research and Standards Act, 1961 (No. 20 of 1961) and the Science and Technology Act, 1987 (No. 30 of 1987), and with the consent of the Minister for Enterprise and Employment, hereby declares as follows:

1. This instrument may be cited as the Standard Specification (Transmission and Multiplexing (TM); Physical and Electrical Characteristics of Hierarchical Digital Interfaces for Equipment Using the 2048 kbit/s – Based Plesiochronous or Synchronous Digital Hierarchies) Declaration, 1993.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Transmission and Multiplexing (TM); Physical and Electrical Characteristics of Hierarchical Digital Interfaces for Equipment Using the 2048 kbit/s – Based Plesiochronous or Synchronous Digital Hierarchies. The Schedule comprises the text of ETS 300166 : 1993.

(2) The said standard specification may be cited as Irish Standard/ETS 300166:1993 or as I.S./ETS 300166:1993.



I.S./ETS 300166:1993

IRISH STANDARD

**TRANSMISSION AND MULTIPLEXING (TM); PHYSICAL
AND ELECTRICAL CHARACTERISTICS OF
HIERARCHICAL DIGITAL INTERFACES FOR
EQUIPMENT USING THE 2048 KBIT/S – BASED
PLESIOCHRONOUS OR SYNCHRONOUS DIGITAL
HIERARCHIES**

National Standards Authority of Ireland
Dublin 9
Ireland

Telephone : (01) 370101

Telefax: (01) 369821

Telex : 32501

**E**UROPEAN
TELECOMMUNICATION
STANDARD**ETS 300 166**

August 1993

Source: ETSI TC-TM

Reference: DE/TM-3002

UDC: 621.39

Key words: Transmission, multiplexing, interfaces

Transmission and Multiplexing (TM);
Physical and electrical characteristics of hierarchical digital
interfaces for equipment using the 2 048 kbit/s -
based plesiochronous or synchronous digital hierarchies

ETSI

European Telecommunications Standards Institute

ETSI Secretariat**Postal address:** 06921 Sophia Antipolis Cedex - FRANCE**Office address:** Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

Tel.: +33 92 94 42 00 - Fax: +33 93 65 47 16

© European Telecommunications Standards Institute 1993.

All rights reserved.

No part may be reproduced except as authorised by written permission. The copyright and the foregoing restriction on reproduction extend to all media in which the information may be embodied.

Contents

Foreword	5
1 Scope	7
2 Normative references	7
3 Definitions	7
4 Symbols and abbreviations	7
5 Requirements	8
5.1 Tolerable longitudinal voltage	10
5.2 Output signal balance	10
5.3 Minimum output return loss	10
History	12

Blank page

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- Looking for additional Standards? Visit Intertek Inform Infostore
 - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-