



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 50378-3-2:2007

ICS 33.180.20

**PASSIVE COMPONENTS TO BE USED IN
OPTICAL FIBRE COMMUNICATION
SYSTEMS - PRODUCT SPECIFICATIONS --
PART 3-2: TYPE 4 / 8 CHANNEL CWDM
MODULE TERMINATED ON IEC 60793-2-50
CATEGORY B1.1 AND B1.3 SINGLE MODE
FIBRE**

National Standards
Authority of Ireland
Glasnevin, Dublin 9
Ireland

Tel: +353 1 807 3800
Fax: +353 1 807 3838
<http://www.nsai.ie>

Sales

<http://www.standards.ie>

*This Irish Standard was
published under the authority
of the National Standards
Authority of Ireland and
comes into effect on:
2 October 2007*

**NO COPYING WITHOUT NSAI
PERMISSION EXCEPT AS
PERMITTED BY COPYRIGHT
LAW**

© NSAI 2007

Price Code H

Údarás um Chaighdeáin Náisiúnta na hÉireann

This page is intentionally left BLANK.

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50378-3-2

August 2007

ICS 33.180.20

English version

**Passive components to be used in optical fibre communication systems -
Product specifications -**

**Part 3-2: Type 4 / 8 channel CWDM module terminated on IEC 60793-2-50
category B1.1 and B1.3 single mode fibre**

Composants passifs destinés
à être utilisés dans des systèmes
de communication à fibres optiques -
Spécifications de produit -
Partie 3-2: Modules CWDM type 4 / 8
canaux câblés sur fibres unimodales
de catégories B1.1 et B1.3
de la CEI 60793-2-50

Passive Bauteile zur Verwendung
in Lichtwellenleiter-
Kommunikationssystemen -
Produktnormen -
Teil 3-2: Bauart 4-/8-Kanal-CWDM-
Module zum Anschluss an
Einmodenfasern der Kategorien
B1.1 und B1.3 nach IEC 60793-2-50

This European Standard was approved by CENELEC on 2007-06-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 86BXA, Fibre optic interconnect, passive and connectorised components.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50378-3-2 on 2007-06-01.

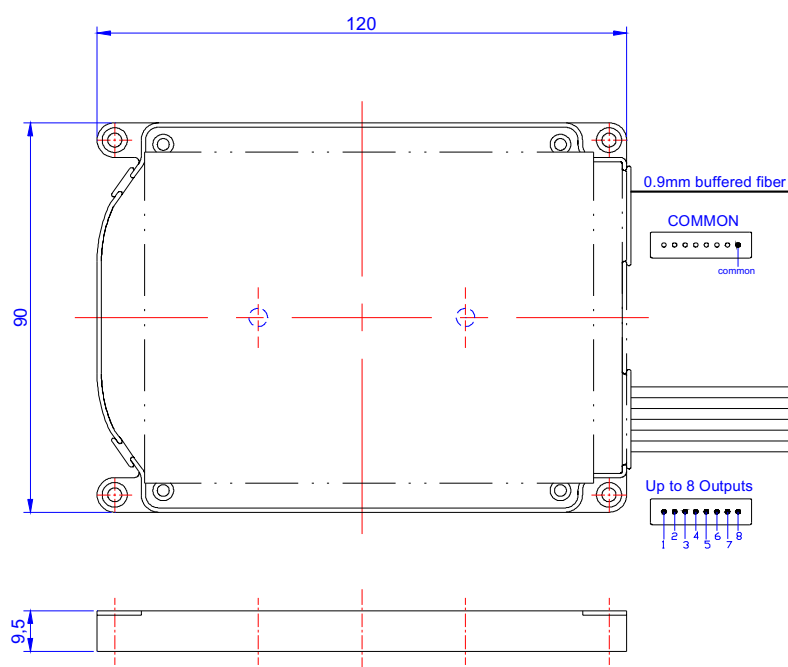
The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2008-06-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-06-01

**Passive components to be used in optical fibre communication systems -
Product specifications**

**Part 3-2: Type 4 / 8 channel CWDM module terminated on IEC 60793-2-50 category B1.1
and B1.3 single mode fibre**

Type:	Description 4 / 8 channel CWDM module	Application:	Performance For use in uncontrolled environment
Configuration:	pigtailed module	Attenuation Cumulative inter channel isolation Return loss: Grade 3	EN 61753-1 Category U Mux/Demux: 4 channel / 8 channel < 2,3 dB < 3,9 dB Mux / Demux: 4 channel / 8 channel ≥ 30 dB ≥ 45 dB
Fibre category:	EN 60793-2-50 Type B1.1 and B1.3		
Cable type:	900 µm buffered		
fibre			
Related documents:			
EN 50377 series	Connector sets and interconnect components to be used in optical fibre communication systems - Product specifications		
EN 60794-2	Optical fibre cables - Part 2: Indoor cables - Sectional specification (IEC 60794-2)		
EN 61300 series	Fibre optic interconnecting devices and passive components - Basic test and measurement procedures (IEC 61300 series)		
EN 61753-1	Fibre optic interconnecting devices and passive components performance standard - Part 1: General and guidance for performance standards (IEC 61753-1)		
IEC/PAS 62074-1	Fibre Optic WDM devices - Part 1: Generic specification		
ETSI ES 201 791	Transmission and Multiplexing (TM) - Passive optical components - Dense Wavelength Division Multiplexing devices - Common requirements and conformance testing		
ETSI ETS 300-019-1-3	Equipment Engineering (EE) - Environmental conditions and environmental tests for telecommunications equipment - Part 1-3: Classification of environmental conditions - Stationary use at weather protected locations		
ITU Recommendation G 671	Transmission characteristics of optical components and subsystems		



Outline and maximum dimensions

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
-