



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.692

Corrigendum 2
(06/2002)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA,
DIGITAL SYSTEMS AND NETWORKS

Transmission media characteristics – Characteristics of
optical components and subsystems

Optical interfaces for multichannel systems with
optical amplifiers

Corrigendum 2

ITU-T Recommendation G.692 (1998) – Corrigendum 2

ITU-T G-SERIES RECOMMENDATIONS
TRANSMISSION SYSTEMS AND MEDIA, DIGITAL SYSTEMS AND NETWORKS

INTERNATIONAL TELEPHONE CONNECTIONS AND CIRCUITS	G.100–G.199
GENERAL CHARACTERISTICS COMMON TO ALL ANALOGUE CARRIER-TRANSMISSION SYSTEMS	G.200–G.299
INDIVIDUAL CHARACTERISTICS OF INTERNATIONAL CARRIER TELEPHONE SYSTEMS ON METALLIC LINES	G.300–G.399
GENERAL CHARACTERISTICS OF INTERNATIONAL CARRIER TELEPHONE SYSTEMS ON RADIO-RELAY OR SATELLITE LINKS AND INTERCONNECTION WITH METALLIC LINES	G.400–G.449
COORDINATION OF RADIOTELEPHONY AND LINE TELEPHONY	G.450–G.499
TESTING EQUIPMENTS	G.500–G.599
TRANSMISSION MEDIA CHARACTERISTICS	G.600–G.699
General	G.600–G.609
Symmetric cable pairs	G.610–G.619
Land coaxial cable pairs	G.620–G.629
Submarine cables	G.630–G.649
Optical fibre cables	G.650–G.659
Characteristics of optical components and subsystems	G.660–G.699
DIGITAL TERMINAL EQUIPMENTS	G.700–G.799
DIGITAL NETWORKS	G.800–G.899
DIGITAL SECTIONS AND DIGITAL LINE SYSTEM	G.900–G.999
QUALITY OF SERVICE AND PERFORMANCE	G.1000–G.1999
TRANSMISSION MEDIA CHARACTERISTICS	G.6000–G.6999
DIGITAL TERMINAL EQUIPMENTS	G.7000–G.7999
DIGITAL NETWORKS	G.8000–G.8999

For further details, please refer to the list of ITU-T Recommendations.

ITU-T Recommendation G.692

Optical interfaces for multichannel systems with optical amplifiers

Corrigendum 2

Summary

This corrigendum contains modifications to ITU-T Rec. G.692 (10/1998) to take account of the approval of ITU-T Rec. G.694.1 *Spectral Grids for WDM Applications: DWDM Frequency Grid* which now contains the DWDM frequency grid formerly contained in Annex A/G.692.

Source

Corrigendum 2 to ITU-T Recommendation G.692 was prepared by ITU-T Study Group 15 (2001-2004) and approved under the WTSA Resolution 1 procedure on 13 June 2002.

FOREWORD

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications. The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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As of the date of approval of this Recommendation, ITU had received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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CONTENTS

	Page
1) Introduction	1
2) Corrections.....	1
2.1) Summary.....	1
2.2) Clause 2 References	1
2.3) Clause 6.1.5 Central frequency	1
2.4) Annex A.....	1
2.5) Appendix II.....	2
2.6) Clause V.1.1 Basic design conditions	2

ITU-T Recommendation G.692

Optical interfaces for multichannel systems with optical amplifiers

Corrigendum 2

1) Introduction

This corrigendum is made necessary by the approval of ITU-T Rec. G.694.1 *Spectral grids for WDM applications: DWDM frequency grid* which now contains the DWDM frequency grid formerly contained in Annex A/G.692.

2) Corrections

2.1) Summary

Remove the last sentence:

"A frequency grid anchored at 193.1 THz with interchannel spacings at integer multiples of 50 GHz and 100 GHz is specified as the basis for selecting channel central frequencies."

2.2) Clause 2 References

Add the following Reference alphanumerically:

- ITU-T Recommendation G.694.1 (2002), *Spectral grids for WDM applications: DWDM frequency grid*.

2.3) Clause 6.1.5 Central frequency

Modify the text of this clause as shown below:

The allowed channel central frequencies used in this Recommendation are defined in ITU-T Rec. G.694.1. For channel spacings of 50 GHz on a fibre, the allowed channel frequencies are based on a 50 GHz grid with the reference frequency at 193.10 THz. For channel spacings of 100 GHz or more on a fibre, the allowed channel frequencies are based on a 100 GHz grid with the reference frequency at 193.10 THz. ~~The table of the 50 and 100 GHz grid frequencies of the EDFA gain region is shown in Annex A. The endpoints are illustrative, not normative.~~

Suggested channel central frequency choices for applications on G.652/G.655 fibres are contained in Table III.1.

Suggested channel central frequency choices for applications on G.653 fibres are contained in Table IV.1.

2.4) Annex A

Remove the whole of the current text of Annex A and replace it with:

"Annex A of previous revisions of this Recommendation contained the definition of the DWDM frequency grid. This grid is now defined in ITU-T Rec. G.694.1"

2.5) Appendix II

Change the title of Appendix II as follows:

**Selection of the minimum channel spacing and grid reference frequency
for the WDM plangrid now contained in ITU-T Rec. G.694.1**

2.6) Clause V.1.1 Basic design conditions

In the second sentence replace:

"Annex A"

with

"ITU-T Rec. G.694.1"

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Series A	Organization of the work of ITU-T
Series B	Means of expression: definitions, symbols, classification
Series C	General telecommunication statistics
Series D	General tariff principles
Series E	Overall network operation, telephone service, service operation and human factors
Series F	Non-telephone telecommunication services
Series G	Transmission systems and media, digital systems and networks
Series H	Audiovisual and multimedia systems
Series I	Integrated services digital network
Series J	Cable networks and transmission of television, sound programme and other multimedia signals
Series K	Protection against interference
Series L	Construction, installation and protection of cables and other elements of outside plant
Series M	TMN and network maintenance: international transmission systems, telephone circuits, telegraphy, facsimile and leased circuits
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Series P	Telephone transmission quality, telephone installations, local line networks
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Series S	Telegraph services terminal equipment
Series T	Terminals for telematic services
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Series Y	Global information infrastructure and Internet protocol aspects
Series Z	Languages and general software aspects for telecommunication systems