

ITU-T

**G.902** 

TELECOMMUNICATION STANDARDIZATION SECTOR OF ITU (11/95)

SERIES G: TRANSMISSION SYSTEMS AND MEDIA

Digital transmission systems – Digital sections and digital line system – General

Framework recommendation on functional access networks (AN)

Architecture and functions, access types, management and service node aspects

ITU-T Recommendation G.902

(Previously «CCITT Recommendation»)

## ITU-T G-SERIES RECOMMENDATIONS TRANSMISSION SYSTEMS AND MEDIA

TRANSMISSION MEDIA CHARACTERISTICS	
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 sub-systems	G.660-G.699
DIGITAL TRANSMISSION SYSTEMS	
TERMINAL EQUIPMENTS	G.700-G.799
General	G.700-G.709
Coding of analogue signals by pulse code modulation	G.710-G.719
Coding of analogue signals by methods other than PCM	G.720-G.729
Principal characteristics of primary multiplex equipment	G.730-G.739
Principal characteristics of second order multiplex equipment	G.740-G.749
Principal characteristics of higher order multiplex equipment	G.750-G.759
Principal characteristics of transcoder and digital multiplication equipment	G.760-G.769
Operations, administration and maintenance features of transmission equipment	G.770-G.779
Principal characteristics of multiplexing equipment for the synchronous digital hierarchy	G.780-G.789
Other terminal equipment	G.790-G.799
DIGITAL NETWORKS	G.800-G.899
General aspects	G.800-G.809
Design objectives for digital networks	G.810-G.819
Quality and availability targets	G.820-G.829
Network capabilities and functions	G.830-G.839
SDH network characteristics	G.840-G.899
DIGITAL SECTIONS AND DIGITAL LINE SYSTEM	G.900-G.999
General	G.900-G.909
Parameters for optical fibre cable systems	G.910-G.919
Digital sections at hierarchical bit rates based on a bit rate of 2048 kbit/s	G.920-G.929
Digital line transmission systems on cable at non-hierarchical bit rates	G.930-G.939
Digital line systems provided by FDM transmission bearers	G.940-G.949
Digital line systems	G.950-G.959
Digital section and digital transmission systems for customer access to ISDN	G.960-G.969
Optical fibre submarine cable systems	G.970-G.979
Optical line systems for local and access networks	G.980-G.999

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

## **FOREWORD**

The ITU-T (Telecommunication Standardization Sector) is a permanent organ of the International Telecommunication Union (ITU). The 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 Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1 (Helsinki, March 1-12, 1993).

ITU-T Recommendation G.902 was prepared by ITU-T Study Group 13 (1993-1996) and was approved under the WTSC Resolution No. 1 procedure on the 2nd of November 1995.

## NOTE

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

## © ITU 1996

All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the ITU.