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STANDARD

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**Information technology —
Telecommunications and information
exchange between systems — 26-pole
interface connector mateability dimensions
and contact number assignments**

*Technologies de l'information — Télécommunications et échange
d'information entre systèmes — Dimensions des connecteurs d'interface
à 26 poles et allocation des numéros de contact*



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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 11569 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Sub-Committee SC 6, *Telecommunications and information exchange between systems*.

Annex A of this International Standard is for information only.

Information technology — Telecommunications and information exchange between systems — 26-pole interface connector mateability dimensions and contact number assignments

1 Scope

This International Standard specifies a 26-pole connector, including the necessary mateability dimensions and the assignment of contact numbers, for use at the interface between data terminal equipment (DTE) and data circuit terminating equipment (DCE). It is applicable where the functional characteristics of the interface conform to 100 Series definitions in CCITT Recommendation V.24 and the electrical characteristics conform to CCITT Recommendations V.10, V.11, or V.28. It is not applicable to modems for parallel data transmission.

2 Normative references

The following CCITT Recommendations and International Standards contain certain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All CCITT Recommendations and International Standards are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the standards/recommendations indicated below. Members of IEC and ISO maintain registers of currently valid International Standards. The CCITT Secretariat maintains a list of currently valid CCITT Recommendations.

ISO 2110: 1989, *Information technology — Data Communication — 25-pole DTE/DCE interface connector and contact number assignments*.

CCITT Recommendation V.10: 1988, *Electrical characteristics for unbalanced double-current interchange circuits for general use with integrated circuit equipment in the field of data communications*.

CCITT Recommendation V.11: 1988, *Electrical characteristics for balanced double-current interchange circuits for general use with integrated circuit equipment in the field of data communications*.

CCITT Recommendation V.21: 1988, *300 bits per second duplex modem standardized for use in the general switched telephone network*.

CCITT Recommendation V.22: 1988, *1200 bits per second duplex modem standardized for use in the general switched telephone network and on point-to-point 2-wire leased telephone type circuits*.

CCITT Recommendation V.22 bis: 1988, *2400 bits per second duplex modem using the frequency division technique standardized for use in the general switched telephone network and on point-to-point 2-wire leased telephone type circuits*.

CCITT Recommendation V.23: 1988, *600/1200 bits per second modem standardized for use in the general switched telephone network*.

CCITT Recommendation V.24: 1988, *List of definitions for interchange circuits between data terminal equipment (DTE) and data circuit-terminating equipment (DCE)*.

CCITT Recommendation V.25 bis: 1988, *Automatic calling and/or answering equipment on the general switched telephone network (GSTN) using 100-series interchange circuits*.

CCITT Recommendation V.26 1988, *2400 bits per second modem standardized for use on 4-wire leased telephone-type circuits*.

CCITT Recommendation V.26 bis: 1988, *2400/1200 bits per second modem standardized for use in the general switched telephone network*.

CCITT Recommendation V.26 ter: 1988, *2400 bits per second duplex modem using the echo cancellation technique standardized for use on the general switched telephone network and on point-to-point 2-wire leased telephone-type circuits*.

CCITT Recommendation V.27: 1988, *4800 bits per second modem with manual equalizer standardized for use on leased telephone-type circuits*.

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CCITT Recommendation V.27 *bis*: 1988, 4800/2400 bits per second modem with automatic equalizer standardized for use on leased telephone-type circuits.

CCITT Recommendation V.27 *ter*: 1988, 4800/2400 bits per second modem standardized for use on the general switched telephone network

CCITT Recommendation V.28: 1988, *Electrical characteristics for unbalanced double-current interchange circuits.*

CCITT Recommendation V.29: 1988, 9600 bits per second modem standardized for use on point-to-point 4-wire leased telephone-type circuits.

CCITT Recommendation V.32: 1988, A family of 2-wire duplex modems operating at data signalling rates of up to 9600 bit/s for use on the general switched telephone network and on leased telephone-type circuits.

CCITT Recommendation V.32 *bis*: 1990, A duplex modem operating at data signalling rates up to 14400 bit/s for use on the general switched telephone network and on leased point-to-point 2-wire telephone-type circuits.

CCITT Recommendation V.33: 1988, 14 400 bits per second modem standardized for use on point-to-point 4-wire leased telephone-type circuits.

CCITT Recommendation V.42: 1988, *Error-correcting procedures for DCEs using asynchronous-to-synchronous conversion.*

CCITT Recommendation X.20 *bis*: 1988, Use on public data networks of data terminal equipment (DTE) which is designed for interfacing to asynchronous duplex V-series modems.

CCITT Recommendation X.21 *bis*: 1988, Use on public data networks of data terminal equipment (DTE) which is designed for interfacing to synchronous V-series modems.