

TECHNICAL SPECIFICATION



**Information technology – Generic cabling systems for customer premises –
Part 9903: Matrix modelling of channels and links**

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INFORMATION TECHNOLOGY – GENERIC CABLING SYSTEMS FOR CUSTOMER PREMISES –

Part 9903: Matrix modelling of channels and links

FOREWORD

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This first edition of ISO/IEC TS 11801-9903 cancels and replaces ISO/IEC TR 11801-9903 published in 2015. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) the addition of further clarifications of the relations of parameters described in this edition and referenced analogous parameters in IEC TR 62152, e.g. operational attenuation versus operational transfer loss;
- b) the introduction and description of the higher order M-parameters 8×8 matrix of mixed-mode parameters, which includes the 4×4 submatrix of 4-port differential-mode-to-differential-mode (DD) parameters, among three other submatrices of mixed-mode parameters;
- c) Annex A, matrix conversion formulas, covers up to 16-port parameters matrices;
- d) the expanded Annex B description of example calculations for channel and permanent link, and updated component parameter tables.