

## JT-G982

### Optical Access Networks to Support Services up to the ISDN Primary Rate or Equivalent Bit Rates

#### 1.Relations to international standards

JT-G982 is based on ITU-T Recommendations G.982 (SG 15, Feb. '96)

#### 2.Amendments and modifications

- (1) In this standard, the following items are modified in the above Recommendation.
  - (a) Correction of error in Figure 5-2/JT-G982 ( § 5.2)  
Reason: "Protection TTP" is error, "Protocol TTP" is right.
  - (b) Removed requirements regarding the V reference point in § 9.4.2 OLT service shell  
Reason: The standards for the V reference point is not specified in Japan.
  - (c) Changed references regarding electromagnetic compatibility in Chap.13 Environmental conditions  
Reason: IEC 801-2 and 803-3 have been combined to become IEC1000-4-2 and 1000-4-3.

#### 3.History of revision

Versions	History of Revision Dates	Remarks
Version 1	1997.11	Established

#### 3.Others

- (1) The following items are for further study.
  - (a) The use of the 1550nm region for future services. (Chap.7)
  - (b) The specification of the optical interfaces on ODN. ( § 11.2)
  - (c) Additional classes for optical path loss other than classes A to C. ( § 11.3)
  - (d) The electrical safety aspect for the ONU. ( § 14.1)
- (2) References:  
ITU-T Recommendations : G.652, G.803, G.902, G.955, G.957, G.964, G.671, G.653, G.662, M.3010  
IEC Publications : 721-3-1, 825-1, 825-2, 1000-4-2, 1000-4-3