



INTERNATIONAL TELECOMMUNICATION UNION

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

G.798

Corrigendum 1
(04/2011)

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

Digital terminal equipments – Other terminal equipment

Characteristics of optical transport network
hierarchy equipment functional blocks

Corrigendum 1

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Recommendation ITU-T G.798 (2010) Corrigendum 1

Characteristics of optical transport network hierarchy equipment functional blocks

Corrigendum 1

Summary

Corrigendum 1 to Recommendation ITU-T G.798 (2010) contains corrections to the maximum number of errored blocks per second information for OTU4, ODU0, ODU2e and ODU4.

Recommendation ITU-T G.798 (2010) Corrigendum 1

Characteristics of optical transport network hierarchy equipment functional blocks

Corrigendum 1

1 Scope

This corrigendum contains corrections to the maximum number of errored blocks per second information for OTU4, ODU0, ODU2e and ODU4.

2 References

[ITU-T G.709/Y.1331] ITU-T Recommendation G.709/Y.1331 (2009), *Interfaces for the Optical Transport Network (OTN)*

3 Text correction for ITU-T G.798

Text corrections are to be included into ITU-T G.798

3.1 Text correction in clause 6.5.1.1.

Correct table 6-2 and table 6-3 to

Table 6-2 – OTN near-end errored blocks definition

Layer	Errored block definition	Number of blocks per second (Note 4)
OTUk (Notes 1 and 3)	One or more errors detected by the OTUk BIP8	OTU1: 20421 OTU2: 82026 OTU3: 329492 OTU4: <u>856388</u>
ODUkT/P (Notes 2 and 3)	One or more errors detected by the ODUkT/P BIP8	ODU0: 10168 ODU1: 20421 ODU2: 82026 ODU2e: <u>84986</u> ODU3: 329492 ODU4: <u>856388</u> CBR ODUflex: clientrate / 121856 GFP-F ODUflex: clientrate / 122368
NOTE 1 – The block size for OTUk, k = 1, 2, 3, 4 is equal to the OTUk frame size, which is $4 \times 4080 \times 8 = 130\,560$ bits. NOTE 2 – The block size for ODUk, k = 0, 1, 2, 2e, 3, 4 is equal to the ODUk frame size, which is $4 \times 3824 \times 8 = 122\,368$ bits. NOTE 3 – The EDC is BIP8, and is computed over the OPUk payload ($4 \times 3808 \times 8$ bits) plus OPUk overhead ($4 \times 2 \times 8$ bits), for a total of $4 \times 3810 \times 8 = 121\,920$ bits. The EDC usage is $1 \times \text{BIP8}$. NOTE 4 – These values are rounded to the next larger integer value.		

Table 6-3 – OTN far-end errored blocks definition

Layer	Errored block definition	Number of blocks per second (Note)
OTUk	One or more errors indicated by BEI in the OTUk frame	ODU4 OTU1: 20421 ODU2 OTU2: 82026 ODU3 OTU3: 329492 OTU4 <u>856388</u>
ODUKT/P	One or more errors indicated by BEI in the ODUkT/P frame	ODU0 <u>10168</u> ODU1: 20421 ODU2: 82026 ODU2e: <u>84986</u> ODU3: 329492 ODU4 <u>856388</u> CBR ODUflex: clientrate /121856 GFP-F ODUflex: clientrate / 122368
NOTE – These values are rounded to the next larger integer value.		