

INTERNATIONAL ELECTROTECHNICAL COMMISSION
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SAFETY OF LASER PRODUCTS –

SÉCURITÉ DES APPAREILS À LASER –

Part 2: Safety of optical fibre communication
systems (OFCSS)

Partie 2: Sécurité des systèmes de
télécommunications par fibres optiques
(STFO)

CORRIGENDUM 1

Corrections to the French version appear after the English text.

Les corrections à la version française sont données après le texte anglais.

B.3 Hazard level

In the last paragraph, replace "IEC 60825-1:2014, Figure 1" with "IEC 60825-1:2014, Table 1".

Table D.1 – OFCS power limits for 11 µm mode field diameter (MFD) single-mode (SM) fibres and 0,18 numerical aperture multimode (MM) fibres (core diameter 50 µm)

Delete the horizontal lines between mW and dBm values, and replace "See Note 1 in 4.3.9" with "See Note 1 in 4.9.3" as follows. (The Notes in Table D.1 are unchanged.)

Wavelength and fibre type	Hazard level					
	1	1M	2	2M	3R	3B
633 nm (MM)	1,95 mW (+2,9 dBm)	3,77 mW (+5,8 dBm)	5,00 mW (+7,0 dBm)	9,66 mW (+9,9 dBm)	25,0 mW (+14,0 dBm)	500 mW (+27,0 dBm)
780 nm (MM)	2,82 mW (+4,5 dBm)	5,45 mW (+7,4 dBm)	–	–	14,5 mW (+11,6 dBm)	500 mW (+27,0 dBm)
850 nm (MM)	3,89 mW (+5,9 dBm)	7,52 mW (+8,8 dBm)	–	–	20,0 mW (+13,0 dBm)	500 mW (+27,0 dBm)
980 nm (MM)	7,08 mW (+8,5 dBm)	13,7 mW (+11,4 dBm)	–	–	36,3 mW (+15,6 dBm)	500 mW (+27,0 dBm)
980 nm (SM)	1,80 mW (+2,5 dBm)	2,66 mW (+4,2 dBm)	–	–	9,21 mW (+9,6 dBm)	500 mW (+27,0 dBm)
1 270 nm (MM)	140 mW (+21,4 dBm)	270 mW (+24,3 dBm)	–	–	500 mW (+27,0 dBm)	500 mW (+27,0 dBm)
1 270 nm (SM)	46,2 mW (+16,6 dBm)	76,5 mW (+18,8 dBm)	–	–	237 mW (+23,7 dBm)	500 mW (+27,0 dBm)
1 310 nm (MM)	481 mW (+26,8 dBm)	500 mW (+27,0 dBm)	–	–	500 mW (+27,0 dBm)	500 mW (+27,0 dBm)
1 310 nm (SM)	166 mW (+22,2 dBm)	277 mW (+24,4 dBm)	–	–	500 mW (+27,0 dBm)	500 mW (+27,0 dBm)
1 400 nm to 1 600 nm (MM)	13,3 mW (+11,2 dBm)	371 mW (+25,7 dBm)	–	–	See Note 1 in 4.9.3	500 mW (+27,0 dBm)
1 420 nm (SM)	10,1 mW (+10,0 dBm)	115 mW (+20,6 dBm)	–	–	See Note 1 in 4.9.3	500 mW (+27,0 dBm)
1 550 nm (SM)	10,2 mW (+10,1 dBm)	136 mW (+21,3 dBm)	–	–	See Note 1 in 4.9.3	500 mW (+27,0 dBm)

D.4.1.3 Single-mode fibre

In the third formula ($P_{1,max}$), replace "46,2 mm" with "46,2 mW".

D.4.4.1 General

At the end of the first paragraph, replace "See Annex B." with "See Table 5.".