# Errata for "Fiber Fuse Propagation Behavior"

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## 2. Macroscopic behavior

| Fiber | $P_{th}$/W | $\lambda/\mu$m | $P_{th}$/W | $\lambda/\mu$m | |
|---|---|---|---|---|---|
| SMF | 1.0 | 1.064 | 1.4 | 1.467 | Seo et al. (2003) |
| | | | ~1.2[*] | 1.48 | Todoroki (2005c) |
| | 1.15 | 1.31 | 1.28 | 1.48 | Todoroki (2011) |
| | | | 1.39 | 1.55 | Abedin & Morioka (2009) |
| DSF | 1.2 | 1.064 | 0.65 | 1.467 | Seo et al. (2003) |
| | | | ~1.1 | 1.55 | Abedin (2009) |
| DCF | | | ~0.7 | 1.55 | Abedin (2009) |

DSF: Dispersion Shifted Fiber, DCF: Dispersion Compensating Fiber
[*]: tight-buffered fiber (see Todoroki (2011))

Table 1. Threshold power of fiber fuse propagation, $P_{th}$, for vario us fibers. See also Fig. 6 in Takenaga, Omori, Goto, Tanigawa, Matsuo & Himeno (2008).

## 6. References

Todoroki, S. (2011). Threshold power reduction of fiber fuse propagation through a white tight-buffered single-mode optical fiber, *IEICE Electronics Express* 8(23): 1978–1982.

## Comments

**22 Feb. 2012:** An improved discussion on Fig. 18 is in preparation.

**26 May 2014:** ⟹ see Section 3.2 & 3.3 (p.25–) in
Todoroki, S. (2014). Fiber fuse – light-induced continuous breakdown of silica glass optical fiber, *NIMS Monographs*, Springer Japan. http://dx.doi.org/10.1007/978-4-431-54577-4

**23 Feb. 2012:** See ~~http://imeji.org/collections?q=todoroki~~ for high quality image collection of fiber fuse.

**26 May 2014:** See http://imeji.nims.go.jp/imeji/album/20 for high quality image collection of fiber fuse.