

IEC 60728-13
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**Cable networks for television signals, sound signals and interactive services –
Part 13: Optical systems for broadcast signal transmissions**

C O R R I G E N D U M 1

C.1 System degradation factors

Replace Equation C.1 by the following:

$$RIN_{\text{ref}}(f) = \frac{2\alpha R_1 R_2}{\sqrt{\pi} \cdot \sigma_f} \cdot \exp \left[-f^2 / 4\sigma_f^2 \right] \quad (\text{C.1})$$

where

- R_1, R_2 is the reflective index for first and second time,
- α is the optical loss between two reflection points,
- σ_f is the optical frequency shift of LD,
- f is the RF carrier frequency.