

Data sheet

OpDAT fiber OS2

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P/N
150XXC9A22025/06/18
Version: B

Technical Data

General Data

Fiber class	OS2 (ITU-T G.657.A2)
Fiber construction	9/125 μm

Transmission characteristics

Chromatic dispersion coefficient - At 1550 nm (max.)	$\leq 18 \text{ ps/km} \cdot \text{nm}$
Chromatic dispersion coefficient - At 1625 nm (max.)	max. $23 \text{ ps/km} \cdot \text{nm}$

Geometric characteristics

Fiber core diameter	$\varnothing 9 \mu\text{m}$
Primary coating diameter	$242 \mu\text{m}$
Fiber cladding non-circularity	max. 0.7 %
Core (MDF)-cladding concentricity error	max. $0.5 \mu\text{m}$
Primary coating-cladding concentricity error	max. $12 \mu\text{m}$

Optical characteristics

Attenuation of the fiber in the cable at 1310 nm	max. 0.4 dB/km
Attenuation of the fiber in the cable at 1550 nm	max. 0.3 dB/km

Application note

This product is a standard product of METZ CONNECT. METZ CONNECT is not aware of the specific intended use of the goods by the Customer or any customers of the Customer. The Customer guarantees that it has fully and sufficiently tested the use of the goods and any product modifications, product changes or product enhancements with regard to the specific intended use in accordance with the state of the art or in any other way. At METZ CONNECT's request, the Customer shall submit and make available meaningful evidence (e.g. test and laboratory protocols, certifications, etc.).

