

P | Cabling

Data sheet OpDAT fiber OS2

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P/N
150XXXC9A2

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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

