

# Data sheet

## OpDAT fiber OS2

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P/N  
150XXU9A1GL

2025/06/18  
Version: B

### Technical Data

#### General Data

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

#### Transmission characteristics

Transmission rate	100 GBit
Chromatic dispersion coefficient - At 1550 nm (max.)	< 18 ps/km * nm
Polarisation mode dispersion (PMD) coefficient, cabled (max.)	< 0.06 ps/vkm

#### Optical characteristics

Attenuation of the fiber in the cable at 1310 nm	max. 0.36 dB/km
Attenuation of the fiber in the cable at 1383 nm	max. 0.36 dB/km
Attenuation of the fiber in the cable at 1550 nm	max. 0.23 dB/km
Attenuation of the fiber in the cable at 1625 nm	max. 0.23 dB/km
Group refractive index at 1310 nm	1.467
Group refractive index at 1550 nm and 1625 nm	1.468
Numerical aperture	0.12

#### Application note

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