

DIAMOND

Fiber Optic Components

CECC-LSA
SINGLE MODE
IN LINE ATTENUATOR
OAF-204.6

Spezifications

	Single Mode 0° PC						Unit
Fiber	9/125						μm
Wavelength	1310/1550						nm
Nominal attenuation	5	10	15	20	25	30	dB
Tolerance*	±1.0	±1.5	±2.0	±2.0	±2.5	±2.5	dB
Repeatability	< 1 over service life						dB
Service life	min 100 matings						
Return loss	> 45						dB
Temperature range	-20/+80						°C

* Values measured using 1310 or 1550 nm LED source. Additional IL induced by modal noise 0,05 dB/dB.
The excess attenuation due to the 2 connections may be as high as 0.5 dB max. Other attenuations on request.

DESCRIPTION: In-line fixed attenuators inducing wavelength independent attenuation, suitable for 1310 and 1550 nm, achieved using a special doped attenuating fiber.

DESIGN/MATERIALS:

Polish: 0° convex PC

Ferrule: Ø 2.5 mm zirconia ceramic with extending copper-nickel alloy insert, anti-rotation keyed.

Alignment sleeve: Rigid tungsten carbide sleeve

External parts: Copper-nickel alloy

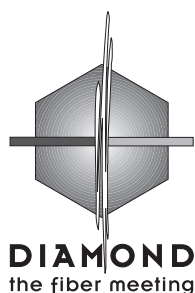
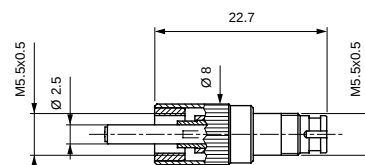
COMPATIBILITY: With all single mode CECC-LSA (DIN) connectors and mating adapters.

ATTENUATOR: OAF DIN/PC (0°) SM

Order number: 1 0 0 - 3 2 0 - 0 0 3 V 0 

ATTENUATION

5 dB	10 dB	15 dB	20 dB	25 dB	30 dB
05	10	15	20	25	30



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*Specifications subject to change
without notice*

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