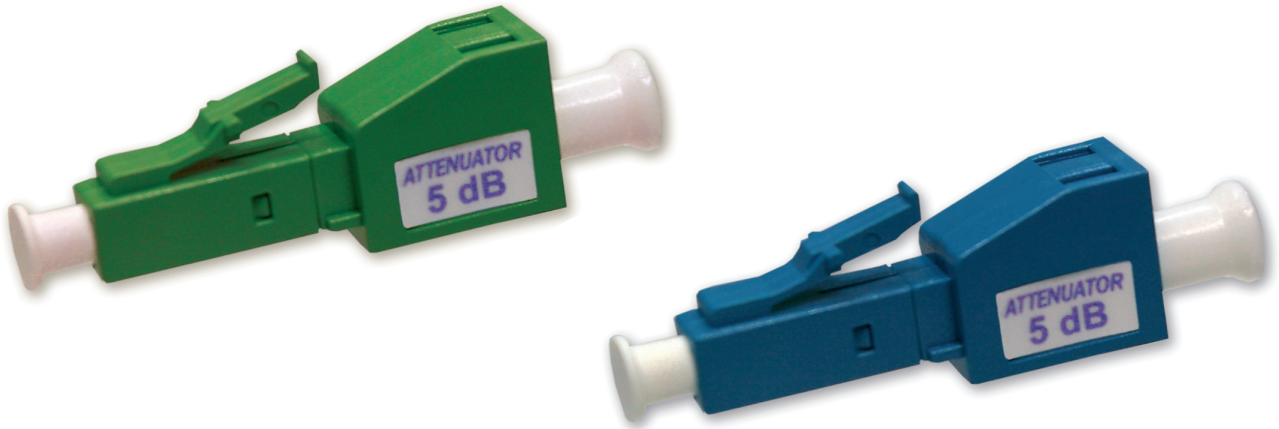




For a complete connector overview visit our website www.foc-fo.com.

Connectors ▶ LC Connector Standard ▶ Attenuation Element ▶

OAF-LC-PC and OAF-LC-APC



Application

The attenuation element adjusts the incoming signal level to the dynamics of the receiver. The attenuation is independent of the wavelength.

Compatibility

With all LC-PC and LC-APC fiber-optic connectors and adapters (IEC 61754-20).

OAF-LC-PC body color blue

OAF-LC-APC body color green

Design/Materials

Polishing	0° PC, 8° APC
Ferrule	ø 1,25 mm, zirconia, rotation locked
Centering sleeve	zirconia split, floating
Exterior parts	plastic

Parameter

	Single Mode (PC)						Single Mode 8° (APC)				Unit	
Fibre	9/125											µm
Wavelength	1240 - 1650											nm
InsertionLoss nom.	1	2	3	4	5	6	10	15	20	25	dB	
Tolerance*	±0,5	±0,5	±0,5	±0,5	±0,5	±0,7	±0,7	±1	±1,5	±1,5	dB	
Repeatability	< 0,5 during live time											dB
Durability	min. 1000 matings											
Return Loss	> 50						> 65				dB	
Operating temperature range	-40/+85											°C

* Measured at 1310 und 1550 nm. Additional loss from modal noise of 0.05 dB/dB (max.). The 2 transition points of the light may induce a connector-dependent additional loss of 0.5dB (max.). Other loss values on request.



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Dimensions Standard

