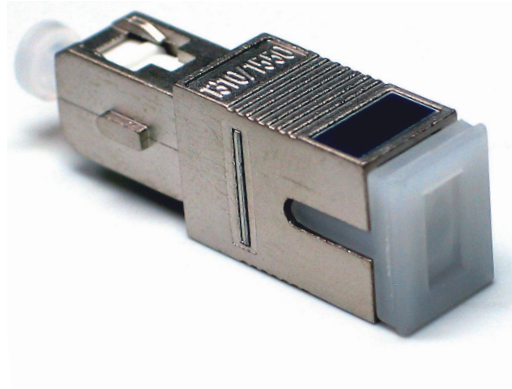




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Connectors ▶ SC Connector Standard ▶ Attenuation Element ▶

## OAF-SC-PC and OAF-SC-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 SC-PC and SC-APC fiber-optic connectors and adapters (IEC 61754-4-x).

### OAF-SC-PC

Metallic body color, marking blue

### OAF-SC-APC

Metallic body color, marking green

### Design/Materials

Polishing	0° PC, 8° APC
Ferrule	∅ 2,5mm, zirconia, rotation locked
Centering sleeve	zirconia split, floating
Exterior parts	plastic, metal

### Parameter

	Single Mode (PC)						Single Mode 8° (APC)				Unit
Fibre	9/125						9/125				µm
Wavelength	1240-1650						1240-1650				nm
Insertion Loss 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 and 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.



Dimensions

