

# Attenuators

## Optical attenuators SC/APC (adapter and male-female-types)



**10441200**  
OATA-10 Dual-SC/APC



**10442110**  
OATC-10 All-Band-Window-SC/APC

### Optical attenuators (adapter type) SC/APC

- Precise attenuation values
- Excellent uniformity
- Very high return loss
- Highly reliable and stable
- 2 M2x8 Allen-head screws for fixing are enclosed
- Dual window

Parameter	OATA-05 Dual-SC/APC Dual Window	OATA-10 Dual-SC/APC Dual Window	OATA-15 Dual-SC/APC Dual Window	OATA-20 Dual-SC/APC Dual Window
Central wavelength [nm]	1310 & 1550	1310 & 1550	1310 & 1550	1310 & 1550
Bandwidth [nm]	± 40	± 40	± 40	± 40
Attenuation tolerance [%]	± 10	± 10	± 10	± 10
Return loss [dB min.]	50	50	50	50
Operating temperature range [°C]	- 40 ... +75	- 40 ... +75	- 40 ... +75	- 40 ... +75
Storage temperature range [°C]	- 40 ... +85	- 40 ... +85	- 40 ... +85	- 40 ... +85
Attenuation values [dB]	5	10	15	20
Order No.	<b>10441100</b>	<b>10441200</b>	<b>10441300</b>	<b>10441400</b>

Adapters with other attenuation values (1 ... 20 dB) are available on request.

### Optical attenuators (male-female-type)

- Precise attenuation values
- Excellent uniformity
- Very high return loss
- Highly reliable and stable
- All-band window

Parameter	OATC-10-All-Band-Window-SC/APC	OATC-20-All-Band-Window-SC/APC	OATC-10-All-Band-Window-E2000/APC	OATC-20-All-Band-Window-E2000/APC	OATC-10-All-Band-Window-LC/APC	OATC-20-All-Band-Window-LC/APC
Central wavelength [nm]	1260 ... 1650	1260 ... 1650	1260 ... 1650	1260 ... 1650	1260 ... 1650	1260 ... 1650
Attenuation tolerance [%]	± 10	± 10	± 10	± 10	± 10	± 10
Operating temperature range [°C]	- 40 ... +75	- 40 ... +75	- 40 ... +75	- 40 ... +75	- 40 ... +75	- 40 ... +75
Attenuation values [dB]	10	20	10	20	10	20
Connector	SC/APC	SC/APC	E2000/APC	E2000	LC/APC	LC/APC
Order No.	<b>10442110</b>	<b>10442120</b>	<b>10442210</b>	<b>10442220</b>	<b>10442310</b>	<b>10442320</b>

If you wish to order adapters with other attenuation values (1 ... 20 dB):

Please replace the last two digits of the Order No. as well as the specification within the item name with the desired attenuation value!