



Prostal Limited.

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Loopback Attenuator

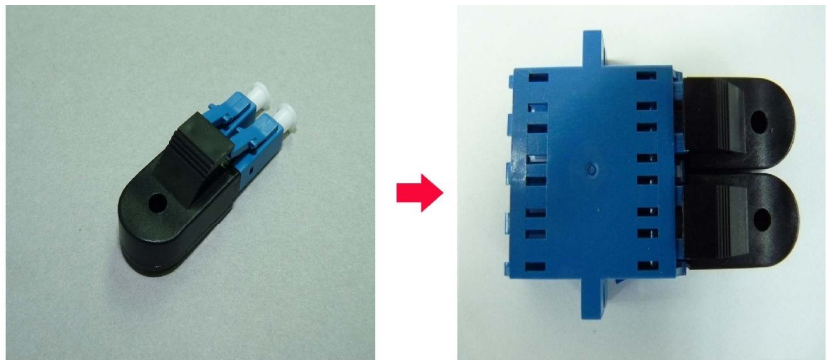
Rev.E (08-12-2016)

Description

Prostal's high quality Loopback attenuators are available in SC, SC/APC, LC and LC/APC formats for both multimode and singlemode applications. Offered in a compact horizontal design to suit numerous system test settings across a wide range of attenuations.

Features

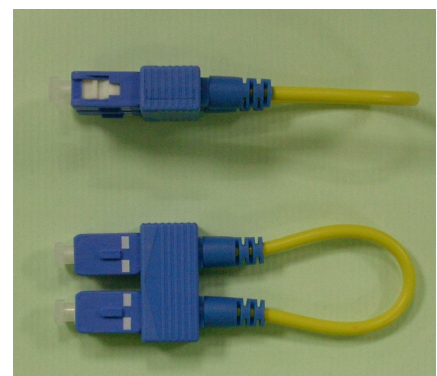
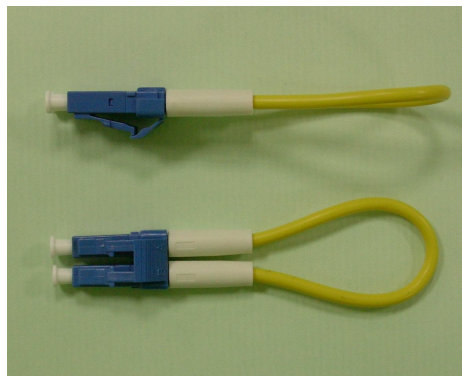
- ❖ Precise attenuation value
- ❖ Excellent reflectance
- ❖ Flawless end face
- ❖ Compact design



LC Loopback attenuator(Z package 18.5x11.9x6.7mm) can fit into LC quad adapter.

Applications

- ❖ Manufacture test and quality control
- ❖ Field trouble shooting
- ❖ Research Labs
- ❖ Training





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Product specifications

Specifications		Value	
Item		Single-Mode	Multi-Mode
Wavelength		1310nm and 1550nm	850nm for 1~10dB
		1310nm or 1550nm	850nm/1300nm for 0dB
Attenuation Range		0dB ~ 20dB	0dB ~ 10dB
Attenuation Variation	0 dB	$\leq 1\text{dB}$	$\leq 1\text{dB}$
	1~10dB	$\pm 1\text{dB}$	$\pm 1\text{dB}$
	11~20dB	$\pm 15\%$	-----
Reflectance	PC	$\geq 50\text{dB}$	-----
	UPC	$\geq 55\text{dB}$	
	APC	$\geq 65\text{dB}$	
Operation Temperature		-40°C ~ 75°C	-40°C ~ 75°C
Storage Temperature		-40°C ~ 85°C	-40°C ~ 85°C

Ordering Information

LA - - - - - -

Connector Type:	Fiber:	Attenuation:		Reflectance:	Tolerance:	Case :
1 = SC/PC	SM	00 = 0dB	07 = 7dB	A = $\geq 65\text{dB}$	K = $\leq 0.5\text{dB}$	I = SC with shell
2 = SC/APC	1 = 1310nm	01 = 1dB	08 = 8dB	S = $\geq 50\text{dB}$	F = $\pm 1\text{ dB}$	N = Without shell
3 = LC/PC	2 = 1550nm	02 = 2dB	09 = 9dB	U = $\geq 55\text{dB}$	A = $\pm 0.5\text{ dB}$	Z = LC with shell
4 = LC/UPC	3=1310/1550nm	03 = 3dB	10 = 10dB	5 = 50/125um	B = $\pm 0.75\text{ dB}$	18.5x11.9x6.7mm
5 = LC/APC	MM	04 = 4dB	15 = 15dB	6 = 62.5/125um	D = $\leq 1\text{ dB}$	
6= SC/UPC	4 = 850nm	05 = 5dB	20 = 20dB		O = $\pm 10\%$	
	5 = 1300nm	06 = 6dB			P = $\pm 15\%$	
	6 = 850/1300nm					