

DIAMOND

Fiber Optic Components

CABLE ASSEMBLIES AND ADAPTERS

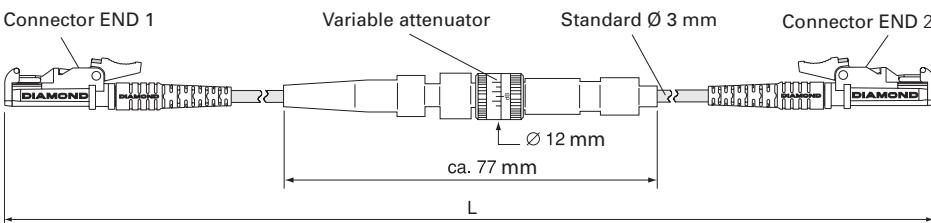
The OAR-PATCH of DIAMOND is a variable in line attenuator patchcord terminated with PC or APC connectors of your choice, offering a large scale of variable attenuations from 1.5 to 9 dB. Typical applications include test arrangements, measuring and test instruments, sensor technology, Telecom, LAN, MAN, WAN.

DESIGN

The patchcord design is based on 2 PC or APC Connectors, a variable attenuator with scale and fixing screws with integrated APC ferrules. Standard lengths are: 2, 3 or 4 meters. Standard attenuation values for calibration are: 2, 4 or 6 dB.

AVAILABLE AS

- ▶ Terminated connector



Available types:

OAR-PATCH E-2000® PC	or APC
OAR-PATCH F-3000® PC	or APC
OAR-PATCH SC PC	or APC
OAR-PATCH MU PC	or APC
OAR-PATCH LSA PC	or APC
OAR-PATCH FC PC	or APC

OAR SPECIFICATIONS

	SINGLE MODE	UNITS	TEST CONDITIONS
Insertion Loss (IL)	1.5 - 9	dB	IEC 61300-3-4; $\lambda = 1300/1550\text{nm}$
Return Loss (RL)	>55 at IL <5	dB	IEC 61300-3-6; $\lambda = 1300/1550\text{nm}$
	>40 at IL <5 - 7.5	dB	IEC 61300-3-6; $\lambda = 1300/1550\text{nm}$
	≥ 30 at IL <7.5 - 9	dB	IEC 61300-3-6; $\lambda = 1300/1550\text{nm}$
Adjustability	continuously		
Scale	1.5 - 3 - 4.5 - 6 - 7.5 - 9	dB	
Repeatability	+/- 0.5	dB	2 connections included

NOTES - In case of terminations with 0° PC connectors, the RL value will be min. 50 dB.
 - Other cable types, patchcord lengths or connector types available upon request.

ORDER INFORMATION

Please contact your nearest local Diamond representative or fill in the contact form available on the www.diamond-fo.com website.



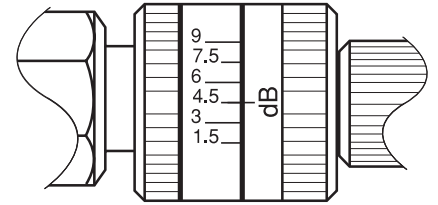
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OAR-Patch

(Variable in-line attenuator)

SINGLE MODE PC/APC



E-2000®



F-3000®



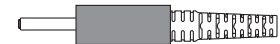
SC



MU



LSA



FC



Specifications subject to change without notice

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