

OLC-AF Attenuation Reference Fiber (ARF)

Description:

The OLC-AF, attenuation reference fiber is designed for the calibration of the attenuation scale of SM OTDR. The OLC-AF is wind from defined length of G.652 Single mode fiber or OM2 Multimode fiber. The OLC-AF consists in a fiber spool of a defined attenuation at required wavelength, which is installed in a thermally shielded rack mount optical distribution frame for better stability. The reference fiber is fitted with two APC connectors for single mode and PC connectors for multimode. The attenuation is calibrated at 1310 nm for SM or at 850 nm for MM.



Features:

- Fiber attenuation 2, 4, 8, 16 dB
- Wavelength 1310 nm SM, 850 nm MM
- Fiber length up to 50 km
- Thermally shielded packaging in ODF
- Various types of optical connectors offer increased versatility and convenience
- Optical connectors are dust and drop protected by a snap-on cover

Specifications:					
Parameter		Note			
Fiber length	m	Up to 50 000 (250 µm bare fiber)			
Fiber type		SM: G.652.D MM: OM2			
Attenuation	dB	2, 4, 8, 16 dB			
Connectors Return loss	dB	>60 dB (APC)			
Wavelengths	nm	1310 850			
Attenuation uniformity D (δ)	dB	Bidirectional Uni-directional			
19" box dimension	mm	1U (HxWxD) 44 x 432 x 265 2U (HxWxD) 88 x 432 x 265			

Specifications:

Application:



OLC-AF-PJ2-NPC1-S2D-26K

Single mode attenuation fiber 8 dB FC/APC connectors 2U ODF, G.652D fiber

CONCEV is a registered trademark of OPTOKON, a.s. Other names and trademarks mentioned herein may be the trademarks of their respective owners. OPTOKON, a.s. reserves the right to make changes, without notice, to the products described in this document, in the interest of improving design, operational function and/or reliability. OPTOKON a.s., Červený Kříž 250, 586 01 Jihlava, Czech Republic, tel. +420 564 040 111, WWW.OPTOKON.COM, SALES@OPTOKON.COM 2020-04-21





2xOLC-AF-PJ2-NPC1-S2D-6,5/13K

Single mode attenuation fiber 2 dB Single mode attenuation fiber 4 dB FC/APC connectors 2U ODF, G.652D fiber

OLC-AF-PJ1-PC1-OM2-650

Multimode attenuation fiber 1,5 dB FC/PC connectors 1U ODF, OM3 fiber

Other type:

OLC-AF-PJ3-NPC1-S2D-52K Single mode attenuation fiber 16 dB, FC/APC connectors, 3U ODF, G.652D fiber

Ordering code:

OLC-AF-PJ1	- AAA	- XXX		- XXXX		
Packaging ¹ :	$\left \right $	Fiber ³	:	Length	Length:	
PJ1-3 ODF 1-3U		OM2	50/125 μm	xxxx	100-1000 m	
	-	S2D	G.652D	XxK	1 – 50 km	
IN/OUT connector types ² :						

NPC FC/APC

1) other on request

2) other connector according relevant datasheet, see CON_13-01_EN - ORD_CODE

3) other on request