

Connection elements – fiber optic cabling

Single mode fiber optic adapters LC APC STANDARD ONE-PIECE SERIES



DESCRIPTION:

FIBRAIN LC APC fiber optic adapters are the basic elements of the fiber optic lines, terminated with LC APC connectors which are used to connect fiber optic cables. LC APC adapters of One-Piece Standard are made in One-Piece technology, which means that the outer housing is a one body, without welded points, as conventional adapters. The One-Piece housing eliminates the welded seam, thus the adapter's housing can resist side forces that might damage an adapter with a welded seam construction. The A001 series of adapters is equipped with metal clips to provide the assembly with no extra screws. Therefore, the high quality adapters have excellent optical and mechanical parameters. The LC duplex adapters have the same dimensions as SC simplex adapters.

APPLICATIONS

- ✓ CATV networks
- ✓ WDM systems,
- ✓ Metro systems,
- ✓ Active devices,
- ✓ Measuring devices,
- ✓ Telecommunication networks,
- ✓ Local area network (LAN),
- ✓ Data transmission network.

FEATURES&BENEFITS

- ✓ One-piece design, without a welding point,
- ✓ Equipped with a metal clip providing an assembly without extra screws,
- ✓ Increased resistance to side load,
- ✓ Excellent optical and mechanical parameters,
- ✓ High quality materials,
- ✓ Full ceramic sleeve,
- ✓ Use of LC adapters provides the possibility to pin higher number of connectors.

TECHNICAL SPECIFICATION:

Parameter	One-Piece standard
IL insertion loss	max. 0.30 dB/ type. 0.15 dB
Durability	± 0.1 dB
Service life	500 cycles
Coupling of strength mechanism	40N
Operating temperature	-40 do +85°C
Sleeve	ceramic
Internal shutter	-
External shutter	-
Mounting	metal wings

Type:	LC APC Standard One-Piece adapter	REV: 00
Date:	24/01/2014	AŁ
Approved:		BK
Modification:		

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MATERIALS:

Housing: high quality plastics.

Sleeve: high quality and full- ceramic sleeve determines perfect combination of fiber optic connectors.

PACKING SYSTEM:

Adapters are packed in boxes of 50 pieces in string bags (2x 25 pieces) with the identification label located on each box.

ORDERING INFORMATION:

LC APC Standard One-Piece

Series	Class	Type	Mounting	Sleeve	Housing colour	Anti-dust cap colour
A001	LCA	DX	1 flange	1 ceramic	1 green	8 white
		4X	2 flangless			

Example:

A001-LCA-DX-1118: Fibrain adapter LC APC, duplex, with a flange, a ceramic sleeve, a green housing, and a white anti-dust cap.

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Important notice

Buyer and/or user of this product has to make sure before using this product that it is suitable for the intended use. All questions of liability relating to this product are subject – in accordance with the prevailing – to the Term of Sale of the selling Fibrain subsidiary.