

Connection components - fiber optic cabling

ST FIBER OPTIC ADAPTERS



INTRODUCTION:

Fibrain ST fiber optic adapters are the elements of the fiber optic system, which are used to connect ST connectors using a bayonet mechanism. The ST adapters are characterized by the high quality of the external non-metal housing and alignment sleeve. Adapters are available for singlemode and multimode applications. Adapters are precision-made items with excellent optical and mechanical parameters.

APPLICATIONS:

- ✓ Telecommunication Networks,
- ✓ Measurements devices,
- ✓ Signal distribution points.

FEATURES:

- ✓ Excellent optical and mechanical parameters,
- ✓ High quality,
- ✓ Bayonet mount mechanism providing constant and stable connection,
- ✓ High quality ceramic sleeve for singlemode and PBr metal sleeve for multimode application,
- ✓ Constructed from material resistant to corrosion.

TECHNICAL SPECIFICATION:

Parameter	ST Standard Series	ST Premium Series
Insertion Loss (IL)	max. 0.30 dB typ. 0.15 dB	max. 0.20 dB typ. 0.10 dB
Durability	500 matings/ <0.20 dB typical change	1000 matings/ <0.15 dB typical change
Repeatability ΔIL_{avg} /mating cycle	± 0.10 dB	± 0.08 dB
Alignment sleeve	ceramic	ceramic/metal
Operating	-40 to +85°C	
Mounting	d-hole	d-hole

Type:	Fibrain ST adapters family	REV: 00
Date:	17/12/2014	AŁ
Approved:		BK
Issued::		

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PACKING SYSTEM:

Adapters are packaged in boxes of 50 pieces in string bags/box (2x25 pieces) with the identification label located on each bag/box.

ORDERING INFORMATION:

Series	Adapter's kind	Type	Mounting	Sleeve type	Housing Colour	Dust cup colour
A181- Standard	ST	SX	3 d-hole	1 ceramic	0 metal	3 black
A191- Premium				2 metal		4 red

Example:

A181-ST-SX-3103: Fibrain ST PC SM Standard series adapter, simplex, d-hole mounting, a ceramic sleeve, metal housing, black dust cup.

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.