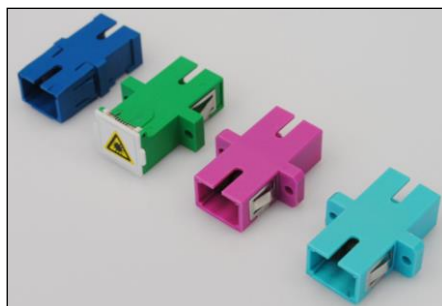


Connection components - fiber optic cabling

SC FIBER OPTIC ADAPTERS



INTRODUCTION:

Fibrain SC fiber optic adapters are divided into three distinct series: Standard One-Piece, Premium One-Piece and Premium Super One-Piece, which can be characterized by various optical and mechanical parameters. SC fiber optic adapters are constructed in the “one-piece design” technology. The external housing is one solid body, thus the adapters are more durable than the typical ultrasonic welded type ones. SC fiber optic adapters are available in various options and colors.

APPLICATIONS:

- ✓ CATV systems,
- ✓ WDM systems,
- ✓ Metro systems,
- ✓ Active devices,
- ✓ Measurements devices,
- ✓ Telecommunication Networks,
- ✓ Local Area Networks (LANs),
- ✓ Wide Area Networks (WANs),
- ✓ Data and video transmission.

FEATURES:

- ✓ One-Piece design, without welding point,
- ✓ Increased resistance to side loading,
- ✓ Available with integrated, non metallic panel clip,
- ✓ Premium One-Piece and Premium Super One-Piece series exceeds IEC requirements of “Coupling of the strength mechanism”,
- ✓ Full ceramic alignment sleeve,
- ✓ High quality materials,
- ✓ Available with internal shutter for eye.

TECHNICAL SPECIFICATION:

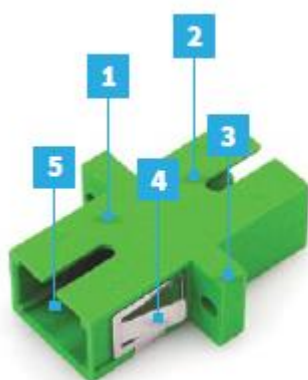
Parameter	Standard One-Piece	Premium One-Piece	Premium Super One-Piece
Insertion Loss (IL)	max. 0.30 dB typ. 0.15 dB	max. 0.20 dB typ. 0.10 dB	max. 0.20 dB typ. 0.08 dB
Durability	500 matings/ <0.20 dB typical change	1000 matings/ <0.15 dB typical change	1000 matings/ <0.15 dB typical change
Strength of coupling mechanism	40N	80N	80N
Operating temperature	-40 do +85 ⁰ C		
Alignment sleeve	ceramic	ceramic/metal	ceramic/metal
External shutter	-	✓	-
Internal shutter	-	✓	✓
Mounting	metal wings	2D metal wings	4D plastic wings
GR326 TG100	-	●	✓
Anti-Fungus Plastic	-	-	✓
Colors			

Connection components - fiber optic cabling

TYPES OF ADAPTERS IN EACH SERIES:

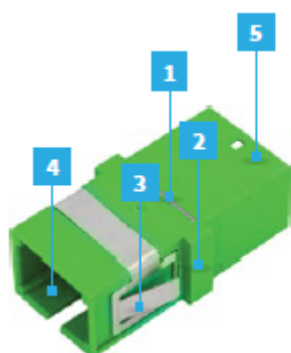
Parameter	Standard One-Piece	Premium One-Piece	Premium Super One-Piece
SIMPLEX	✓	✓	✓
DUPLEX	✓	✓	✓
FLANGE	✓	✓	✓
NO FLANGE	-	✓	✓
METAL MOUNTING CLIP	✓	✓	-
PLASTIC MOUNTING CLIP	-	-	✓
EXTERNAL SHUTTER	-	✓	-
INTERNAL SHUTTER	-	✓	✓

CONSTRUCTION:



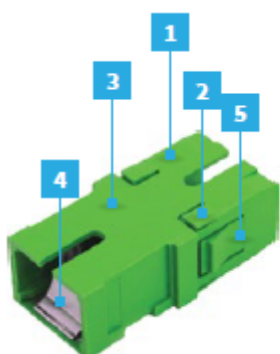
SC Standard *One-Piece*

1. One-Piece solid body
2. Housing available in 5 colors
3. Flange or no flange configuration
4. Metal mounting clip
5. Ceramic sleeve for SM and MM applications



SC Premium *One-Piece*

1. Metal reinforcing element
2. Flange or flangeless configuration
3. Metal mounting clip
4. Optional shutter (outer or inner)
5. One-Piece solid body



SC Premium *Super One-Piece*

1. Anti-fungus plastic
2. Anti-rattle wings significantly reduce movement when snapped into panel
3. 'Super One-Piece' solid body,
4. Internal shutter ready for eye safety
5. Integrated, non metallic panel clip

Type:	Fibrain SC adapters family	REV: 00
Date:	17/12/2014	At
Approved:		BK
Issued::		

Connection components - fiber optic cabling

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:

Standard One-Piece

Series	Adapter's kind	Type	Mounting	Sleeve type	Housing Colour	Dust cup colour
A101	SCA	SX	1 flange	1 ceramic	1 green	3 black
	SC	DX			2 blue	T Transparent
					3 beige	S Semi-transparent
					5 aqua	
					6 violet	

Example:

A101-SCA-SX-1113: Fibrain SC APC Standard One-Piece adapter, simplex, with a flange, a ceramic sleeve, a green housing, and a black dust cup.

Premium One-Piece

Series	Adapter's kind	Type	Mounting	Sleeve type	Housing Colour	Dust cup colour
A120	SCA	SX	1 flange	1 ceramic	1 green	3 black
	SC	DX	2 flangeless	2 metal	2 blue	
					3 beige	

Example:

A120-SCA-SX-1113: Fibrain SC APC Premium One-Piece adapter, simplex, with a flange, a ceramic sleeve, a green housing, and a black dust cup.

Premium One-Piece with internal or external shutter

Series	Adapter's kind	Type	Shutter	Mounting	Sleeve type	Housing Colour	Dust cup colour
AS20	SCA	SX	1 internal	1 flange	1 ceramic	1 green	3 black
	SC	DX	2 external	2 flangeless	2 metal	2 blue	
						3 beige	

Example:

AS20-SCA-DX-11113: Fibrain SC APC Premium One-Piece adapter with an internal shutter, duplex, with a flange, a ceramic sleeve, and a black dust cup.

Premium Super One-Piece

Series	Adapter's kind	Type	Mounting	Sleeve type	Housing Colour	Dust cup colour
A123	SCA	SX	1 flange	1 ceramic	1 green	3 black
	SC	DX	2 flangeless	2 metal	2 blue	
					3 beige	
					6 aqua	

Example:

A123-SCA-SX-1113: Fibrain SC APC Premium Super One-Piece adapter, simplex, with a flange, a ceramic sleeve, a green housing, and a black dust cup.

Type:	Fibrain SC adapters family	REV: 00
Date:	17/12/2014	At
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Issued::		

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Premium Super One-Piece with internal shutter

Series	Adapter's kind	Type	Shutter	Mounting	Sleeve type	Housing Colour	Dust cup colour
AS23	SCA	SX	1 internal	1 flange	1 ceramic	1 green	3 black
	SC	DX		2 flangeless	2 metal	2 blue	
						3 beige	
						6 aqua	

Example:

AS23-SCA-DX-11113: Fibrain SC APC Premium Super One-Piece adapter with an internal shutter, duplex, with a flange, a ceramic sleeve, and a 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.