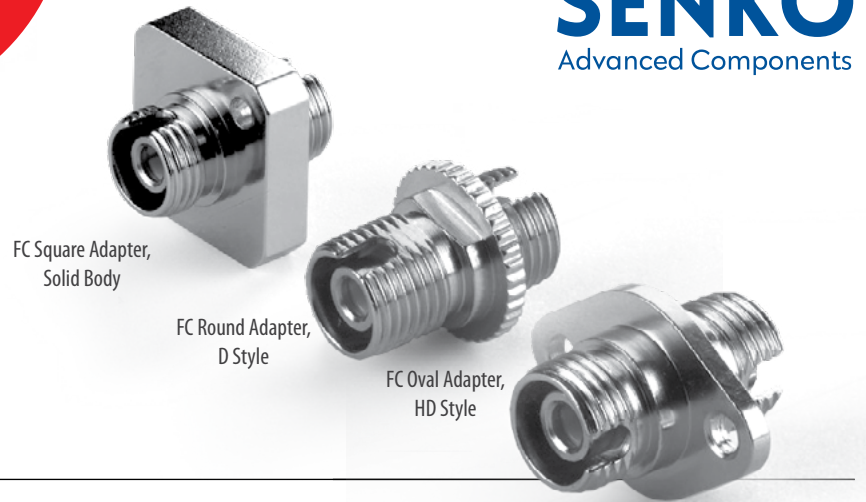


FC **ADAPTER** **253 / 297 / 298 Series**



The SENKO FC Adapter Range is crafted to meet various applications and needs. With its plated metal housing and Zirconia split alignment sleeves, the FC Adapter provides a robust and dependable option for all your FC connectivity requirements. The Senko FC Adapters are available in three mounting styles: Square, Oval, and Round, with either a 2-hole or D-Style fixing. Additionally, these adapters offer both narrow and wide keyways to accommodate diverse requirements.

FEATURES

- Threaded coupling
- Integrated keyway
- Square, oval and round options
- Narrow and wide key way options
- Durable metal plated body
- 2 hole or D-style mounting
- Zirconia split alignment sleeve

APPLICATIONS

- Telecommunications
- Data centers
- Test and measurement equipment
- Industrial applications
- Medical equipment
- Military and aerospace
- Broadcast
- Medical equipment

KEY BENEFITS

- ✓ **Secure and reliable connection**
- ✓ **High repeatability**
- ✓ **Highly stable performance**
- ✓ **Low IL and RL performance**
- ✓ **Simple installation**
- ✓ **Environmental resistance**

Mechanical Data

	Value
Durability	200 matings per GR-326-Core
Fixing Method	2 hole screw fixing (<i>square and oval</i>), D style panel nut fixing (<i>round</i>)
Housing Material	Plated metal
Alignment Sleeve Material	Zirconia
Fiber Count	Simplex (<i>1 channel</i>)

Optical Data

	Value
Typical Insertion Loss (dB)*	0.10
Max Insertion Loss (dB)*	0.20

* Based on master grade jumper to low loss random mating test

Environmental Data

	Value
Operating Temperature	-40°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes
Humidity Resistance	95%

FC ADAPTER

253 / 297 / 298 Series

FC ADAPTER (SQUARE, OVAL, ROUND) DATASHEET

Adapter Drawing

Panel Cut-Out

Front View

Side View

*Note: 1. All dimensions are in mm.
2. Specifications subject to change without notice.*

ORDERING

ADAPTER TYPE		SLEEVE		KEY WIDTH	
	297 Solid Body	1	Zirconia Straight Split	01	2.15 +.05/-0 mm
	298 FC Oval Adapter "HD"			02	2.05 +/-0.02 mm

297 - 101 ORDER CODE example

CODE	SLEEVE		KEY WIDTH		FLANGE		
	253 FC Round Adapter	1	Zirconia Straight Split	0	2.15 +0.05/-0 mm	3	D: Ø8.85 mm x 7.95 mm
	"D" & "DD"			2	Metal Straight Split	2	2.05 +/-0.02 mm

253 - 103 ORDER CODE example

ADAPTER TYPE		SLEEVE		KEY WIDTH	
	253 FC Round Adapter	1	Zirconia Straight Split	0	2.15 +0.05/-0 mm
	"D" & "DD"			2	Metal Straight Split

253 - 103 ORDER CODE example

SENKO[®]

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