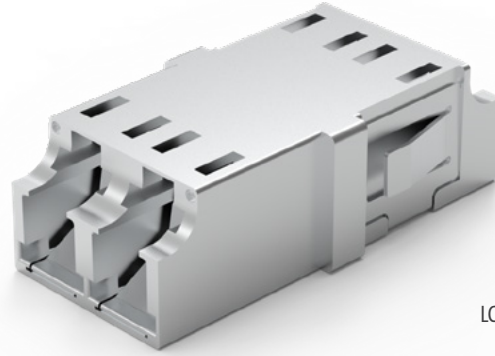**SENKO**®

Advanced Components

LC METAL ADAPTER
988M Series

LC Metal Adapter

The SENKO LC Metal Adapter is a connectivity component engineered for environments where a more durable and robust solution is required, thanks to its durable metal housing that can provide EMI shielding. The adapter is designed to incorporate an integral, automatic, hands-free shutter mechanism that safeguards the connector from dust contamination and attenuates laser light upon the removal of the mated connector, aligning with IEC TR 62627-08 power standards. The adapter's dust protection meets the IP5X standard, ensuring that it is safeguarded against dust ingress that could compromise its functionality. This is especially beneficial in industrial environments where dust and debris are common. The feature of traceability with a visible light source is an added advantage for maintenance and troubleshooting.

In summary, the SENKO LC Metal Adapter is a well-rounded solution that merges durability, safety, and user convenience, making it an essential component for any system that demands reliable fiber optic connections. Its design and protective features offer assurance that both the equipment and users are protected from potential risks.

FEATURES

- Optional integrated shutter mechanism for eye safety and dust protection
- Visible light souce traceability
- Durable, EMI shielded metal housing
- Color-coded dust caps
- Compatible with SC simplex footprint

APPLICATIONS

- Telecommunications
- Data centers
- Local area networks (LANs)
- Fiber to the home (FTTH)
- Enterprise networks
- Medical equipment
- Industrial applications
- Military and aerospace
- Broadcasting

KEY BENEFITS

✔ **Eye safe optional shutter**
✔ **Color coded for simplicity**
✔ **Robust metallic construction**

✔ **Exceptional durability**
✔ **EMI shielded metal housing**
✔ **Simplified installation with color coded dust caps**

LC METAL ADAPTER
988M series

Mechanical Data

	Value
Durability	500 matings
Fixing Method	Snap fit *(adapter without flange)* or screw and nut *(adapter with flange)*
Housing Material	Nickel plated zinc
Alignment Sleeve Material	Zirconia
Dust Protection Method	Color coded removable dust plugs
Fiber Count	Duplex *(2 channel)*
Dust Shutter Mechanism	Inner shutter - optional

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%

LC METAL ADAPTER
988M series

Adapter Drawing

Panel Cut-Out

MOUNTING HOLE DIMENSIONS
PANEL THICKNESS 1.7mm MAX.
(REFERENCE ONLY)

Front View

Side View

Top View

Note: 1. All dimensions are in mm.
  2. Duplex with flanges, no shutter shown, other options are available upon request.
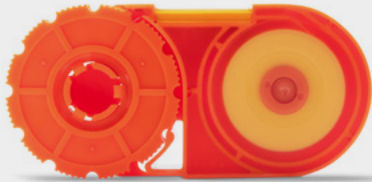 3. Specifications subject to change without notice.

ORDERING

CODE	TYPE		DUST CAP/INTERNAL COLOR		SLEEVE TYPE		SHUTTER	
988M	3S	Duplex with Flange	1	Blue	1	Zirconia	N	No Shutter
	4S	Duplex without Flange	2	Green	2	Metal	A	Internal Shutter
			3	Beige				

988M - 3S11 - N   ORDER CODE example

LC One Piece Duplex
Adapter without Flange

LC One Piece Duplex
Adapter with Flange

Accessories - Production/Cleaning

Smart Cleaner™
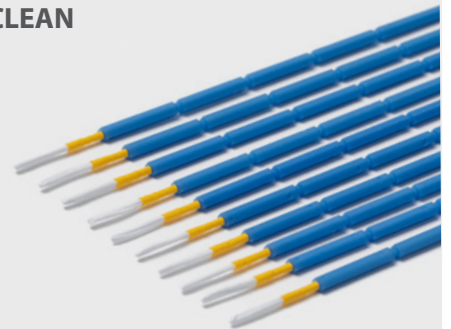**Cassette**
PN: SCK-CC-100

Smart Cleaner™
Mini 1.25 mm Clicker
PN: SCK-SS-M-C125
Refill PN: SCK-SS-CS-R

Smart Cleaner™
1.25 mm Clicker
PN: SCK-SS-CS
Refill PN: SCK-SS-CS-R

**1.25 mm NEOCLEAN
Cleaning Stick**
PN: CSK-01

Accessories - Interferometry

SUMIX Manta W+ Inspection Scope
PN: SMX-Manta-W+

SUMIX Max QM+ Inspection Scope
PN: MAX-Quantum

- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5µm defect detection
- Inspection tips for MPO, CS, SN, LC available

- Inspects 12 fiber in 2.6 seconds, 24 fiber in 4.5 seconds
- 0.5µm defect detection