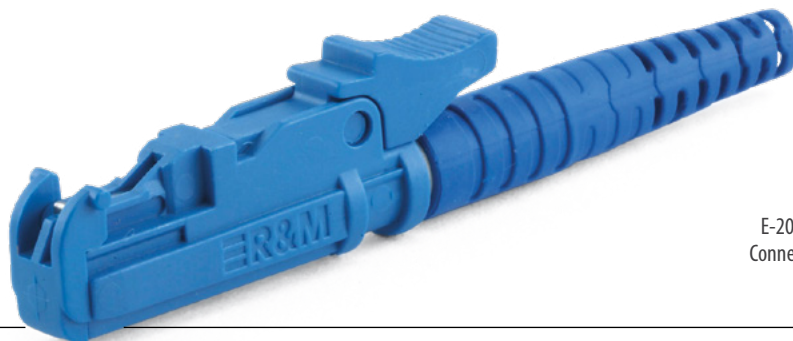


E-2000 **CONNECTOR** **Series R8473****



E-2000
Connector

The SENKO E-2000™ Connector is a high-performance fiber optic connector known for its unique features and robust design. It offers a spring-loaded shutter mechanism that protects the ferrule end-face from scratches and dust while also preventing potentially eye-damaging laser radiation. The connector is color-coded for easy identification and uses a push-pull locking mechanism for secure connections. It complies with IEC 61754-14 and EN 186270 standards. Additionally, the E-2000™ Connector is available in both single-mode and multi-mode versions, with typical insertion loss values of 0.20 dB and return loss values of ≥ 50 dB for UPC and ≥ 60 dB for APC. It is designed to withstand operating temperatures ranging from -25°C to +75°C and can endure up to 1000 mating cycles.

FEATURES

- Spring loaded shutter mechanism
- Color-coded for easy identification
- Push pull locking mechanism
- High durability 1000 matings
- Compliant to IEC 61754-14 and EN 186270
- Zirconia precision ferrules

APPLICATIONS

- Data center
- Medical
- Wireless
- FTTH
- Telecommunication
- Government and defense

KEY BENEFITS

- ✓ **Precision and stability**
- ✓ **High durability**
- ✓ **Eye safe operation**
- ✓ **Ease of use push pull mechanism**

Mechanical Data

	Value
Durability	1000 matings
Fiber Count	Simplex (1 Fiber)
Cable Suitability	900 μm to 3 mm
Ferrule Material	Zirconia

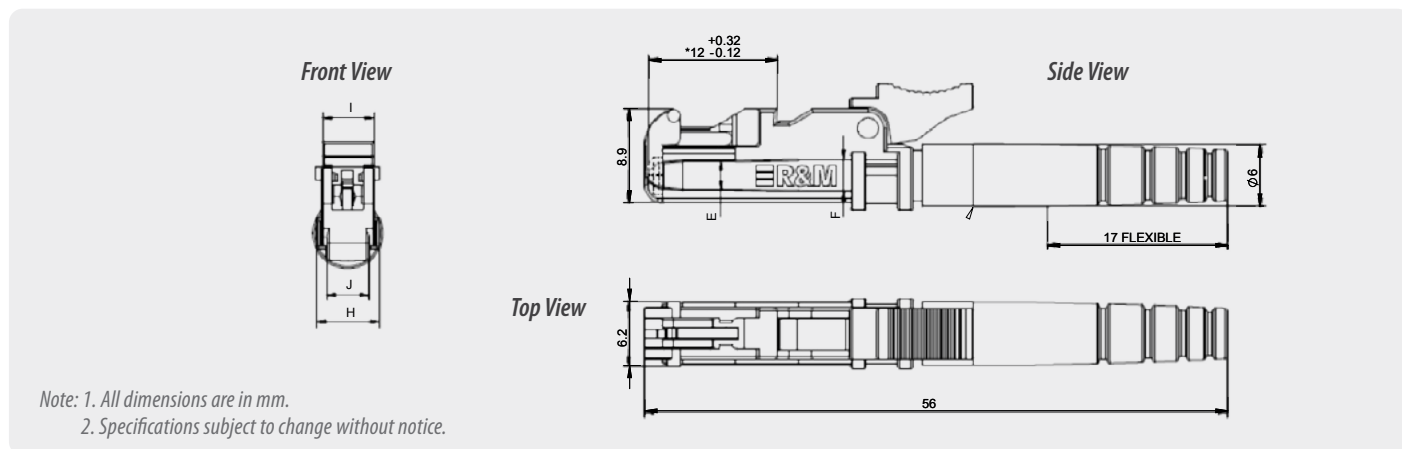
Optical Data

	Singlemode		Multimode
	UPC	APC	MM
	Standard		
Typical Insertion Loss (dB)	0.2	0.2	0.15
Max Insertion Loss (dB)	0.4	0.4	0.3
Typical Return Loss (dB)	≥ 50	≥ 60	≥ 25
Ferrule Diameter (μm)	125 μm		127 μm

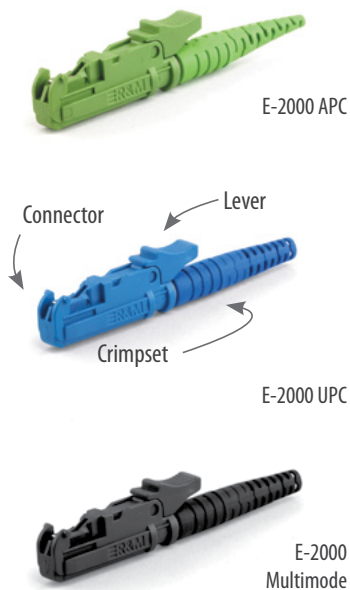
Environmental Data

	Value
Operating Temperature	-25°C to +75°C
RoHS Compliance	Yes
REACH Compliance	Yes

Connector Drawing

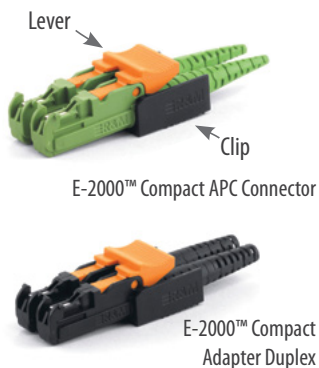


ORDERING



CONNECTOR BODY CODES		LEVER CODES		BOOT & CRIMPSET CODES	
R847361	Simplex, PC, Multimode, Black	R304403	White	R861303	For Pigtail, Black
R847356	Simplex, PC, Singlemode, Blue	R307017	Blue	R861304	For Pigtail, Blue
R847353	Simplex, APC, Singlemode, Green	R304405	Brown	R861302	For Pigtail, Green
		R307018	Green	R862107	For Pigtail, Red
		R308035	Violet	R861305	For Pigtail, Beige
		R304407	Orange	R812805	F0 Crimpset for 1.7-2.3 Cable, Green
		R304408	Red	R812806	F0 Crimpset for 1.7-2.3 Cable, Blue
		R309210	Black	R812807	F0 Crimpset for 1.7-2.3 Cable, Black
		R304832	Yellow	R812808	F0 Crimpset for 1.7-2.3 Cable, Red
		R308034	Turquoise	R812809	F0 Crimpset for 2.4-2.8 Cable, Green
				R812810	F0 Crimpset for 2.4-2.8 Cable, Blue
				R813158	F0 Crimpset for 2.4-2.8 Cable, Black
				R813159	F0 Crimpset for 2.4-2.8 Cable, Red
				R813160	F0 Crimpset for 2.9-3.2 Cable, Green
				R813161	F0 Crimpset for 2.9-3.2 Cable, Blue
				R813162	F0 Crimpset for 2.9-3.2 Cable, Black
				R813163	F0 Crimpset for 2.9-3.2 Cable, Red
				R813164	F0 Crimpset for 2.9-3.2 Cable, White

R847353 R307018 R861303 ORDER CODE example



COMPACT (RJ) DUPLEX CONNECTOR LEVER		COMPACT (RJ) HOUSING CLIP CODE	
R305513	Blue	R305542	Compact (RJ) Duplex Clip for Connector Housing
R305514	Green		
R305515	Orange		
R309004	Turquoise		
R305517	Black		
R305518	White		

SENKO[®]

Advanced Components

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