

CD CONNECTOR

Plug and Receptacle



The SENKO CD Connector series is an outdoor fiber optic interconnect solution designed for deployment in challenging environments that may include harsh temperatures, moisture, dust, and more. With its metallic body, these robust connectors serve to protect the fiber connection for reliable network deployment. The CD Connector comes with plug and receptacle interfaces, which make inline cable-to-cable connections for simple cabling solutions. Both plug and receptacle types are cross-compatible with widely accepted duplex fiber optic connectors for various applications where extra-protected connections are required.

FEATURES

- IP67 rated sealed housing
- Metallic robust body
- UV and corrosion resistance
- Easy termination
- Suitable for 5.0-7.0mm cable
- Plug and receptacle types

APPLICATIONS

- FTTH
- Trunk to breakout assemblies
- Remote radio unit jumpers

KEY BENEFITS

- ✓ **IP67 rated protected connection**
- ✓ **Inline mating for simple cabling**

Mechanical Data

	Value
Flex	0°/+90°/-90° for 8 cycles
Proof	100 lbf or 450 N for 120 seconds
TWAL	0°/90° for 30 minutes
Durability	500 cycles
Impact	5-foot drop
Fiber Count	Duplex (2 fibers)
Cable Suitability	5.0 - 7.0 mm round

Optical Data

	Singlemode
	UPC
	Standard
Typical Insertion Loss (dB)*	0.25
Max. Insertion Loss (dB)*	0.50
Typical Return Loss (dB)*	≥55

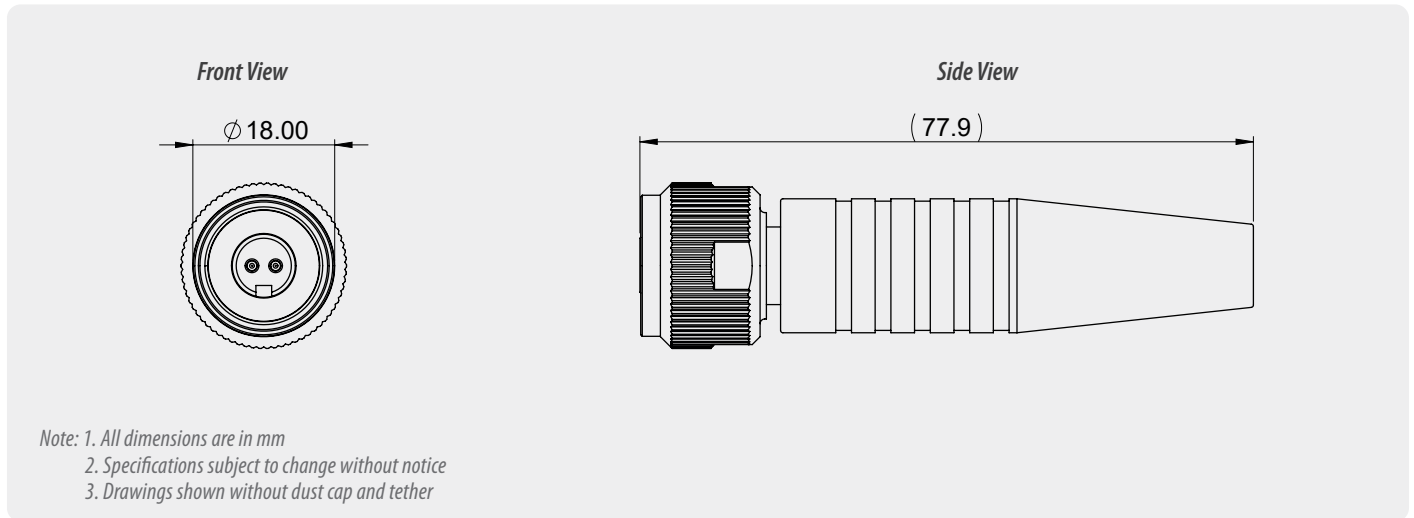
* Based on master grade jumper to low loss random mating test

Environmental Data

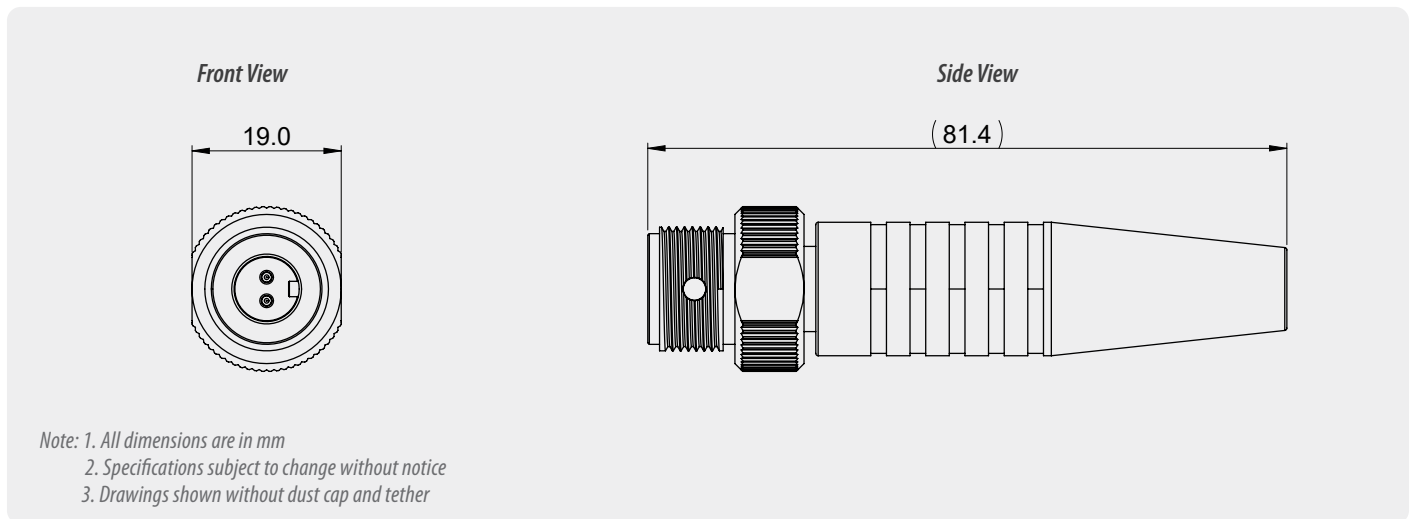
	Value
IP Rating*	IP67
Operating Temperature (C)	-40°C to +75°C
UV Resistance	Yes
RoHS Compliance	2015/863 RoHS
REACH Compliance	Yes

* The IP rating was validated using a SENKO sourced cable and termination procedure. It is recommended to retest IP rating for any other cable types.

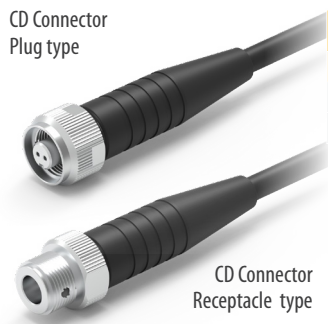
Plug Type Connector Drawing



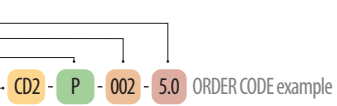
Receptacle Type Connector Drawing



ORDERING



CODE	CONNECTOR TYPE	FIBER COUNT	CABLE SIZE
CD2	P Plug	002 1.25 Ferrule x2	5.0 5.0 mm Cable
	R Receptacle		6.0 6.0 mm Cable
			7.0 7.0 mm Cable



SENKO[®]

Advanced Components

sales@senko.com
1-858-623-3300

senko.com/contact