

# Push-on Lock Type Coaxial Connector for Semi-rigid/Semi-flexible Cable

RoHS2

## PDM Series

Fujikura

Characteristic Impedance

50  $\Omega$

Frequency Range

DC to 3GHz

Lock Type

Push On

### OUTLINE

The coaxial connector for semi-rigid /semi-flexible cable.



### FEATURE

- PDM series is the coaxial connector which is modified coupling method of SMA style connector to push-on type. It is easy to mate / unmate by one-touch locking.
- Due to the push-on coupling type, torque control for mating is not necessary like standard SMA connector. So it can be mounted on small space.
- The plug connector is  $\phi$  9mm. Closed-entry mechanism provides high performance in twiddling force.

### APPLICATION

Base Station, Measurement Equipment,, Antenna

### SPECIFICATIONS

Characteristic Impedance	50 $\Omega$
Rated Voltage	500VAC(r.m.s.)
Dielectric Withstanding Voltage	1000V AC(r.m.s) / 1 minute
Insulation Resistance	1,000M $\Omega$ min. at 500V DC
Contact Resistance	3m $\Omega$ max.
V.S.W.R.	1.3 max. (DC ~ 3GHz)
Applicable Cable	UT-85, UT-141T (Semi-rigid / Semi-flexible cable)
Operating Temperature	-55 ~ +85°C

\* The specifications are typical but may not apply to all connectors.  
Please check the specifications on each item with its drawing from us when you use.

### MATERIAL/FINISH



Item	Material / Finish
Contact	Copper Alloy / Au Plating
Outer Conductor	Copper Alloy / Ni Plating
Contact	PTFE

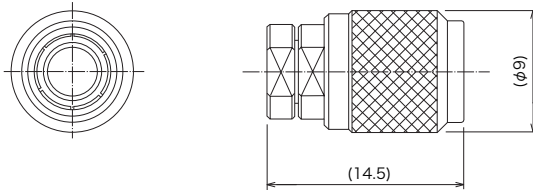
### Connector Mating/Unmating Tool

357J-14474

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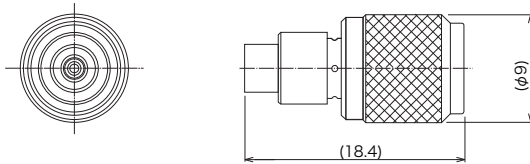
## ▶ Plug Connector

### for Semi-Rigid, Semi-flexible Cable

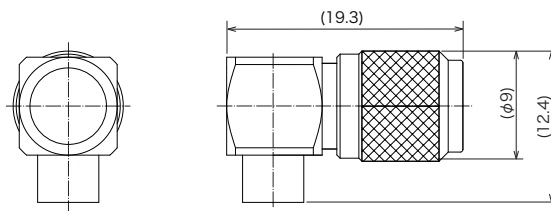


((Note)) Utilize center conductor of the applicable .cable

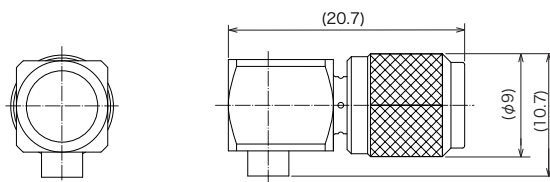
Part Number	Applicable Cable
PDM-SP-141-SO-CF	UT-141A, FCCAVG0



Part Number	Applicable Cable
PDM-SP-85-SO-CF	UT-85, FCCAVG1

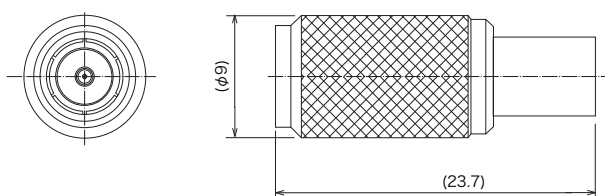


Part Number	Applicable Cable
PDM-LP-141-SO-1-CF	UT-141A, FCCAVG0

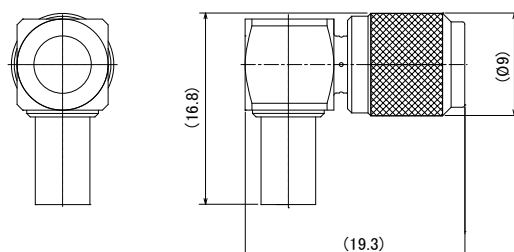


Part Number	Applicable Cable
PDM-LP-85-SO-2	UT-85, FCCAVG1

### Crimp Type



Part Number	Applicable Cable	Crimp Tool
PDM-SP-1.5DW-CR1-CF	1.5D-QEW	CR-H-1156A
PDM-SP-2.5DHQS-CR1-CF	2.5D-HQ · SUPER	CR-H-1163
	2.6D-XFV-A	



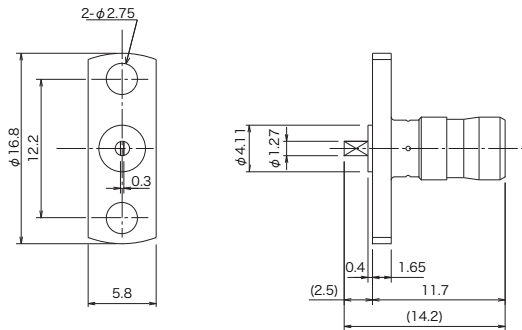
Part Number	Applicable Cable	Crimp Tool
PDM-LP-1.5D-CR1	1.5D-2V, 1.5D-2W 1.5D-HQ · SUPER	CR-H-1156A

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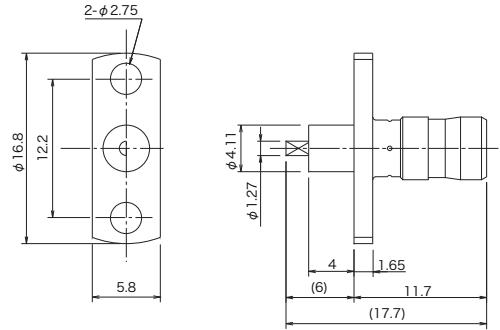
# ▶ Receptacle Connector

## (Panel Mount Type)

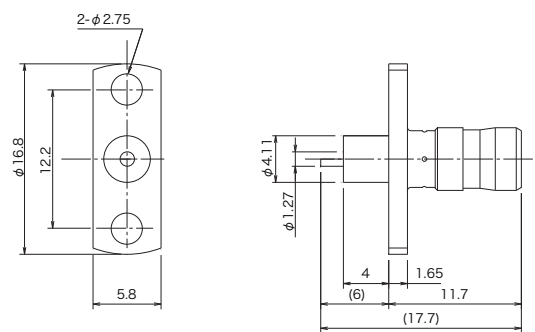
PDM-SR2-CF



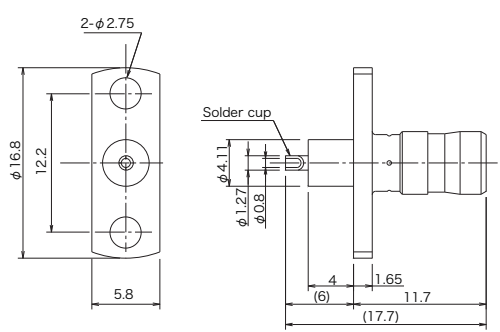
PDM-SR2-D1-CF



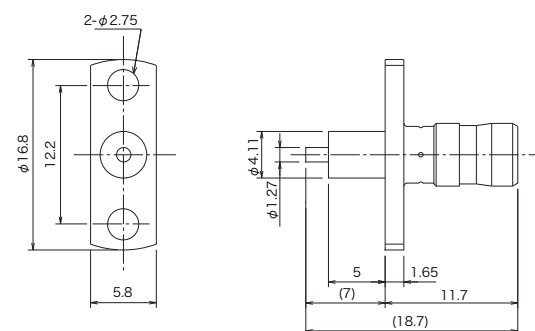
PDM-SR2-D4-CF



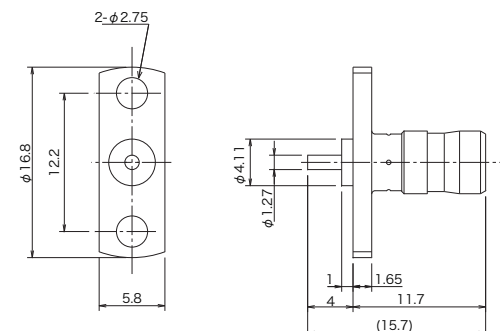
PDM-SR2-1-CF



PDM-SR2-2-CF



PDM-SR2-5-CF



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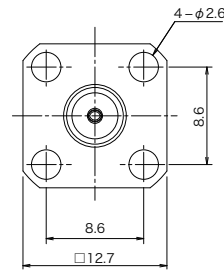
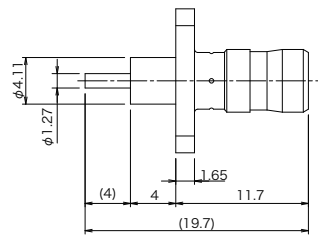
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<https://www.connector.fujikura.com>

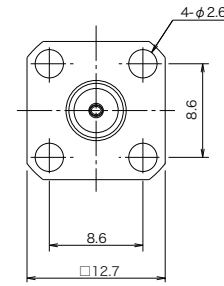
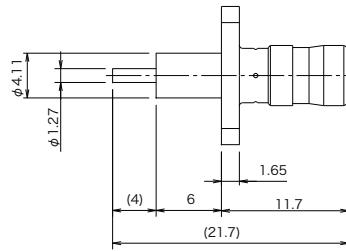
# ▶ Receptacle Connector

## (Panel Mount Type)

### PDM-SR

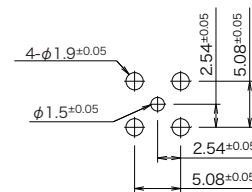
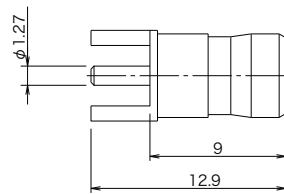
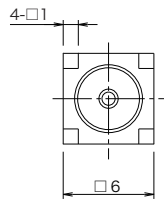


### PDM-SR-7-CF



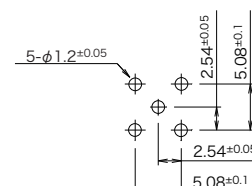
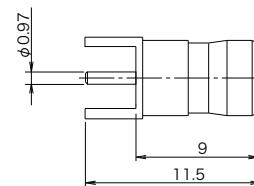
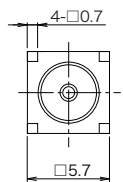
## (DIP Type)

### PDM-SR-PC-CF



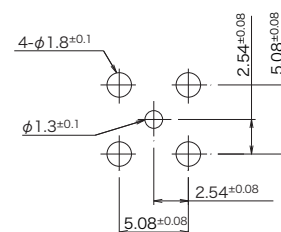
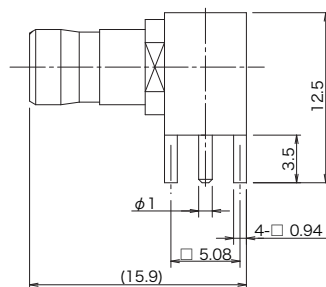
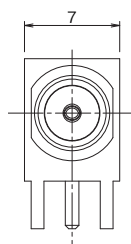
PCB Mounting Dimensions

### PDM-SR-PC-D2-CF



PCB Mounting Dimensions

### PDM-LR-PC-CF



PCB Mounting Dimensions

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