

SBX Series RF Coaxial Connector

The new connector have put-in type、high power、blind mating characteristics.

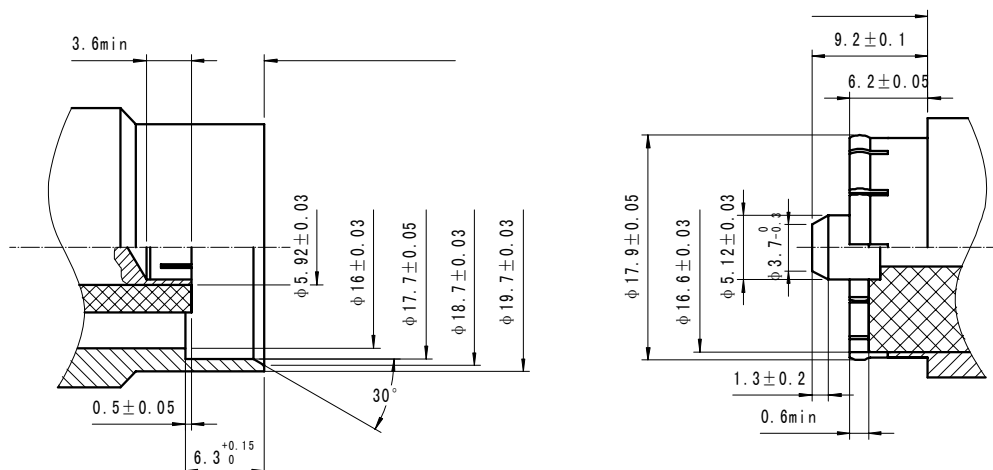
Used in all kinds of microwave circuit connection, it is help for the whole system of radar modular.

The advantage is contact reliability、mechanical superior performance、high vibration resistant、butt convenient

Main technical characteristics

Temperature Range		-65~+165℃	Insulation resistance		$\geq 1000M\Omega$
Characteristic Impedance		50 Ω	Dielectric Strength		1500V
Frequency Range		0~8GHz	Operating Voltage	1000V	
Contact resistance	Central conductor	$\leq 0.006\Omega$	Voltage standing wave ratio (VSWR)		$\leq 1.15+0.02f$
	Outer conductor	$\leq 0.0025\Omega$	Endurance		500 cycle

Interface Dimensions



Name	Material & Plating
Outer conductor	Brass with nickel plating or silver plating

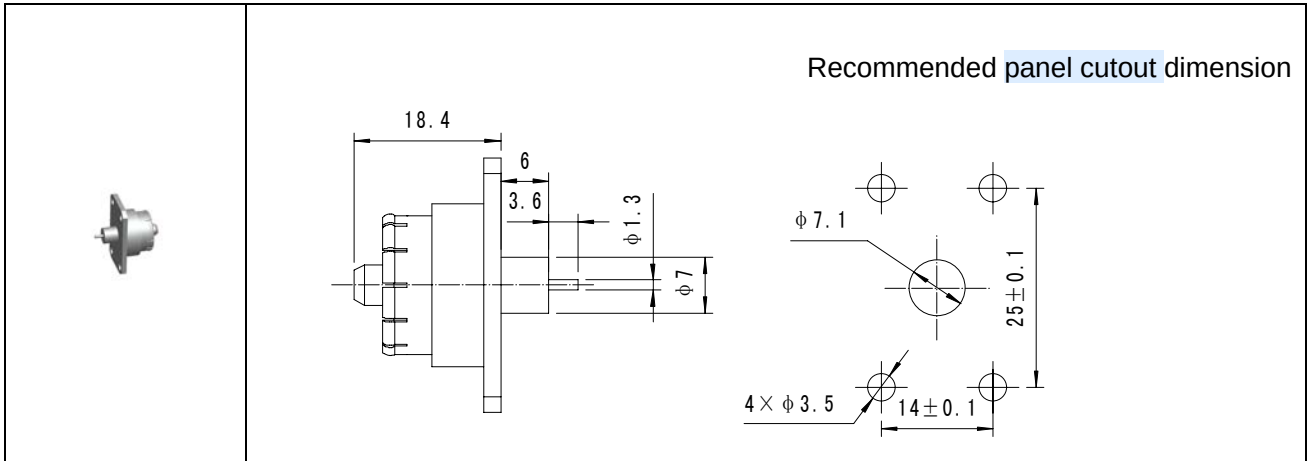


Central conductor	Pin	Brass with gold plating
	Socket	Tin bronze with gold plating
Insulator		Teflon
Sealing		Silicone Rubber
Crimping suite		Brass with nickel plating
Shrink sleeve		Plastic

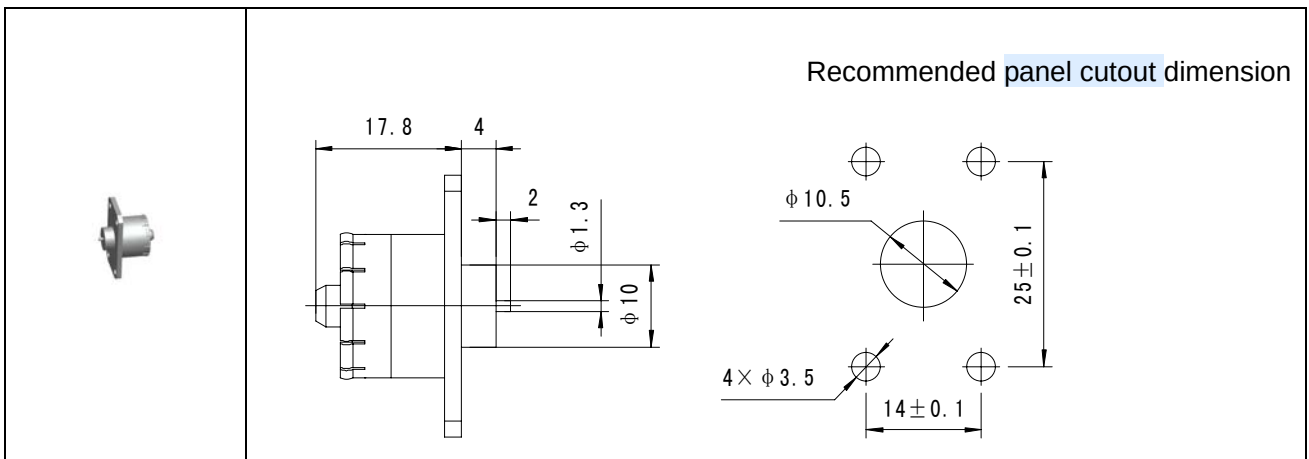
Outline dimensions

SBX-JFD

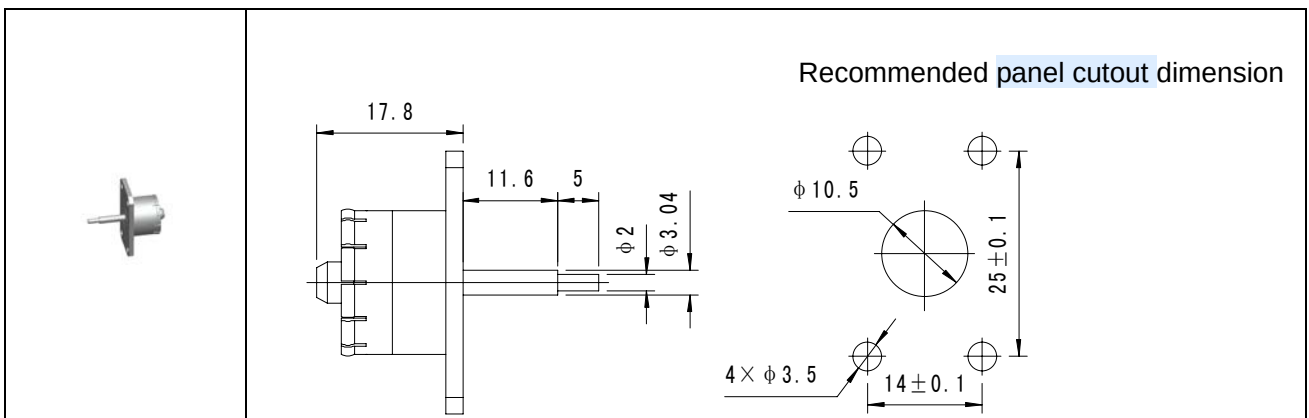
Plug, With the microstrip



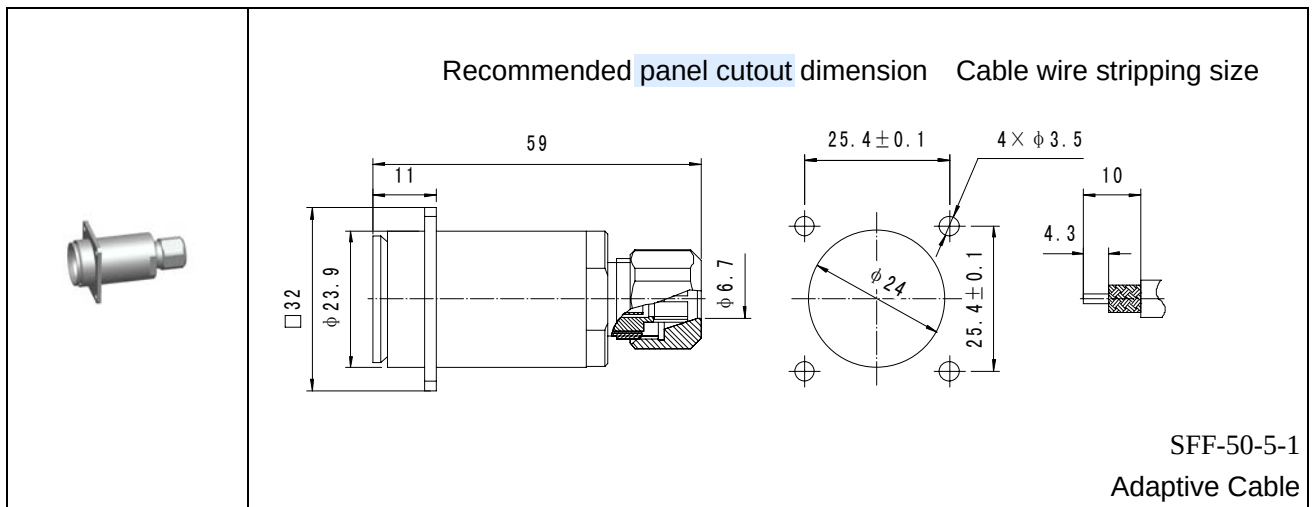
SBX-JFD1



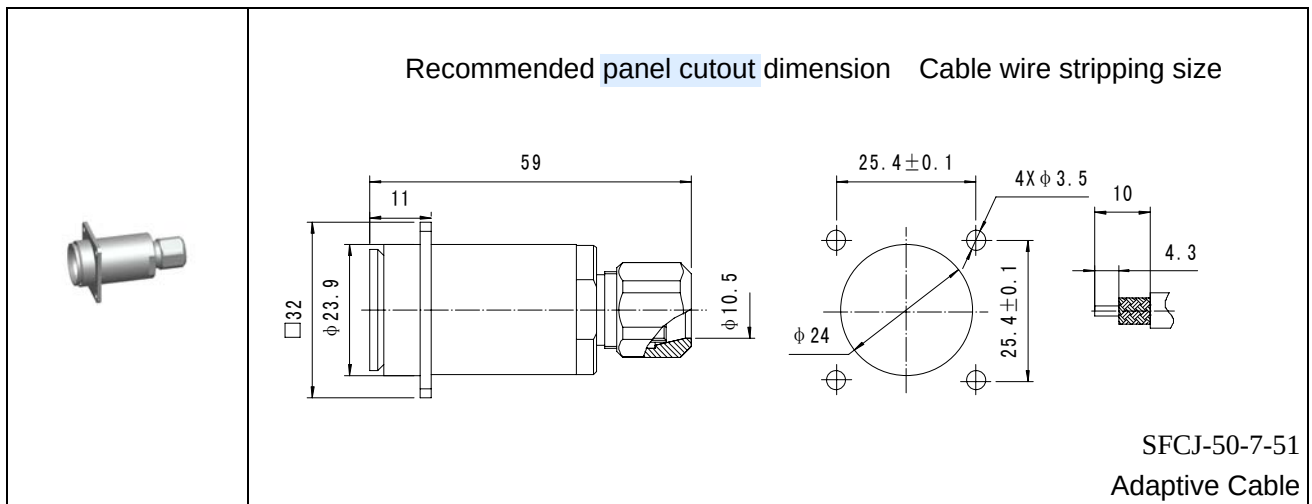
SBX-JFD2



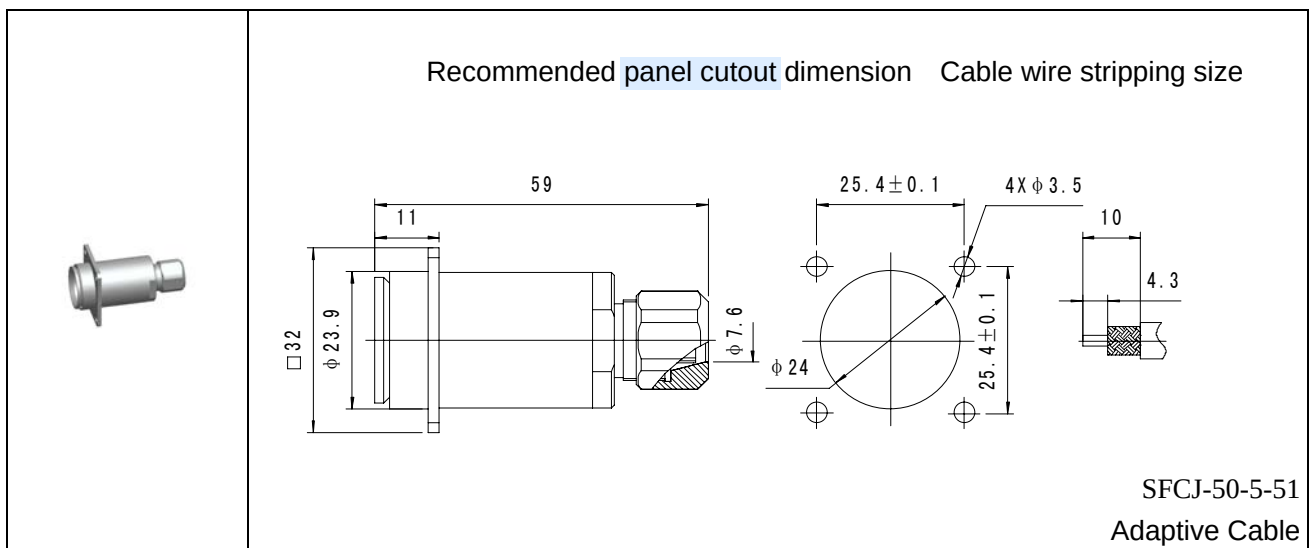
Receptacle, With the cable **SBX-KF1A**



SBX-KF7A



SBX-KF27A



SBX-KF-KSJ4

