

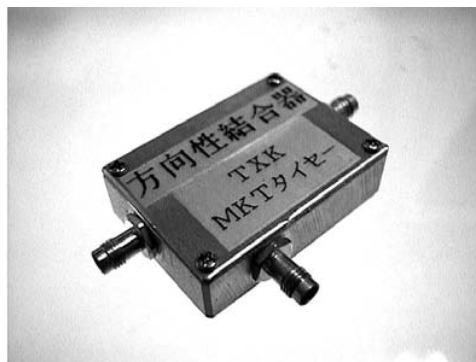
Directional Couplers (TXC Type)

Features

This connector is an original developed ultra-miniatured type and performs excellent withstanding soldering heat and downsizing by utilizing glass hermetic seal as a part of insulation.

(SMA connector flange square measure ratio: 1/5: our rated proportion)

Moreover, it is available with excellent VSWR as a part of this item is designed with an airline structure.

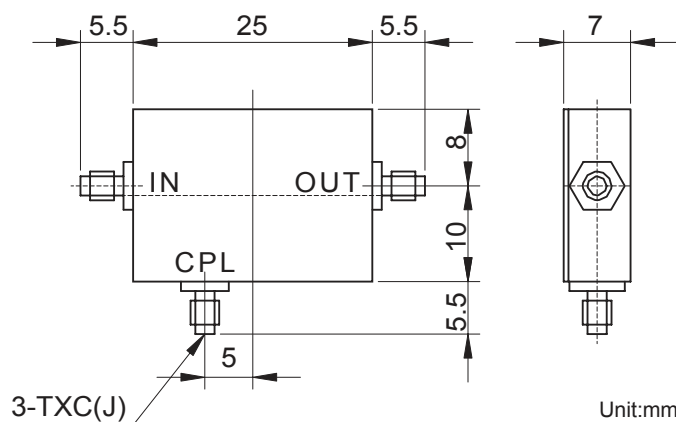


Specifications

Style No.	Frequency Range (Frequency Point) [MHz]	Insertion Loss [dB]	Coupling [dB]	Directivity [dB]	VSWR (max.)		max. Input Power [W]	Working Temp. Range [°C]
					Main Transmit Line	Sub Transmit Line		
TXK81131-18D	100~2000 (900)	0.40 max.	18.0±1.0	20.0 min.	1.20	1.50	1.0 max.	-10 ~ +65
	(1500)	0.60 max.	14.0±1.0	20.0 min.	1.20	1.40		
	(1900)	0.80 max.	12.0±1.0	20.0 min.	1.20	1.35		
TXK81131-20D	100~2000 (900)	0.40 max.	20.0±1.0	30.0 min.	1.20	1.25	2.0 max.	-10 ~ +65
	(1500)	0.50 max.	16.0±1.0	25.0 min.	1.30	1.25		
	(1900)	0.60 max.	14.0±1.0	25.0 min.	1.30	1.20		

* Complied with custom designed requirements.

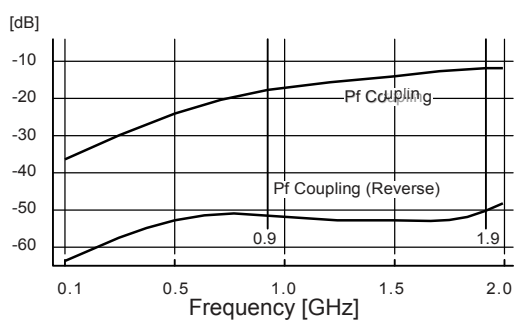
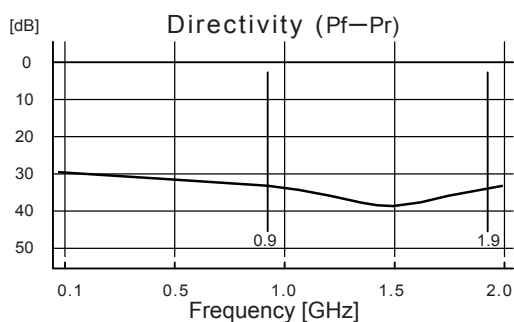
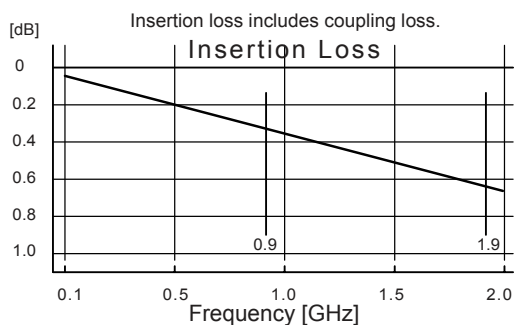
Dimensions



Typical Performance

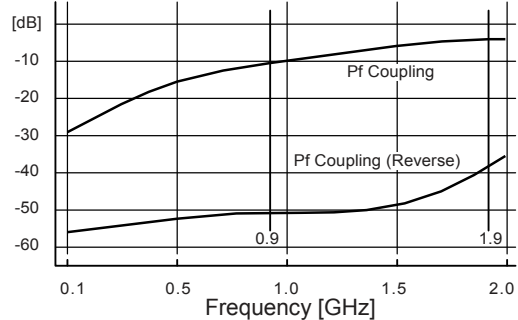
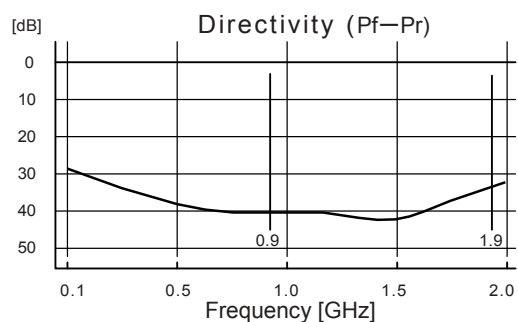
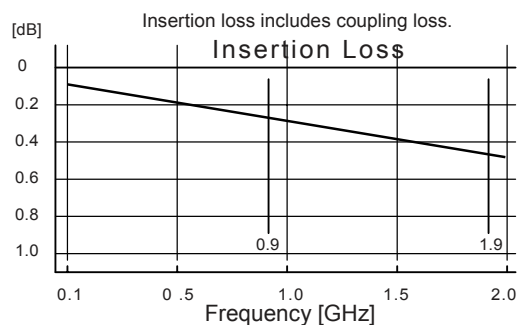
TXK81131-18D

100 ~ 2000 MHz



TXK81131-20D

100 ~ 2000 MHz



0.9, 1.5, 1.9GHz are Frequency Points. These are standardized on insertion loss, directivity, and Coupling .

Specifications of products are subject to change without notice.