

0.64GHz~59.6GHz Waveguide to Coaxial Transducer (PN: W22AF0029)

APPLICATION SUMMARY

Waveguide to coaxial transducer is used in various radar systems, precision guidance systems and test equipment.

TECHNICAL KEY FEATURES

- Wide frequency band
- Low VSWR
- Low Insertion Loss



ELECTRICAL SPECIFICATIONS

No.	Frequency Range(GHz)	Flange	Max VSWR	Insertion Loss(dB)	Connector Type	Dimensions (mm)
1	0.64~0.96	FDP/FDM	≤1.2	≤0.1	1-5/8/L29/N	240*188*129
2	0.76~1.15	FDP/FDM	≤1.2	≤0.1	1-5/8/L29/N	230*165*128
3	0.96~1.46	FDP/FDM	≤1.2	≤0.1	1-5/8/L29/N	152*139*72
4	1.14~1.73	FDP/FDM	≤1.2	≤0.1	1-5/8/L29/N	122*123*65
5	1.45~2.20	FDP/FDM	≤1.2	≤0.1	1-5/8/L29/N	110*96*62
6	1.72~2.61	FDP/FDM	≤1.2	≤0.2	L29/N	92*85*54
7	2.17~3.30	FDP/FDM	≤1.2	≤0.2	L29/N	82*74*48
8	2.60~3.95	FDP/FDM	≤1.2	≤0.2	L29/N	62*65*33
9	3.22~4.90	FDP/FDM	≤1.2	≤0.2	N	57*60*33
10	3.94~5.99	FDP/FDM	≤1.2	≤0.3	N	51*53*29
11	4.64~7.05	FDP/FDM	≤1.2	≤0.3	N	46*51*27
12	5.38~8.17	FDP/FDM	≤1.2	≤0.3	N/SMA	40*46*27
13	6.57~9.99	FBP/FBM/FBE	≤1.2	≤0.3	N/SMA	41*43*26
14	8.20~12.40	FBP/FBM/FBE	≤1.2	≤0.3	N/SMA	38*39*24
15	9.84~15.0	FBP/FBM/FBE	≤1.25	≤0.3	N/SMA	38*38*25
16	11.9~18.0	FBP/FBM/FBE	≤1.25	≤0.3	N/SMA	34*42*31
17	14.5~22.0	FBP/FBM/FBE	≤1.25	≤0.4	N/SMA	34*40*22
18	18.0~26.5	FBP/FBM/FBE	≤1.25	≤0.4	SMA/APC3.5/K/OS2.4	30*27*21
19	21.7~33.0	FBP/FBM/FBE	≤1.25	≤0.5	APC3.5/K/OS2.4	30*27*20

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20	26.5~40.0	FBP/FBM/FBE	≤1.25	≤0.5	K/OS2.4	30*26*22
21	33.0~50.0	UG383/U	≤1.40	≤0.5	OS2.4	30*25*21
22	39.2~59.6	UG383/U-Mod	≤1.60	≤0.8	V1.85	26*22*19

WICT SYSTEM CONFIDENTIAL