



Waveguide Crossguide Directional Coupler

WDCT19185F-50

50dB, WR19, 39.2-59.6 GHz, UG383/U Mod Flange, 1.85mm Female Coupled Port

Rev 1

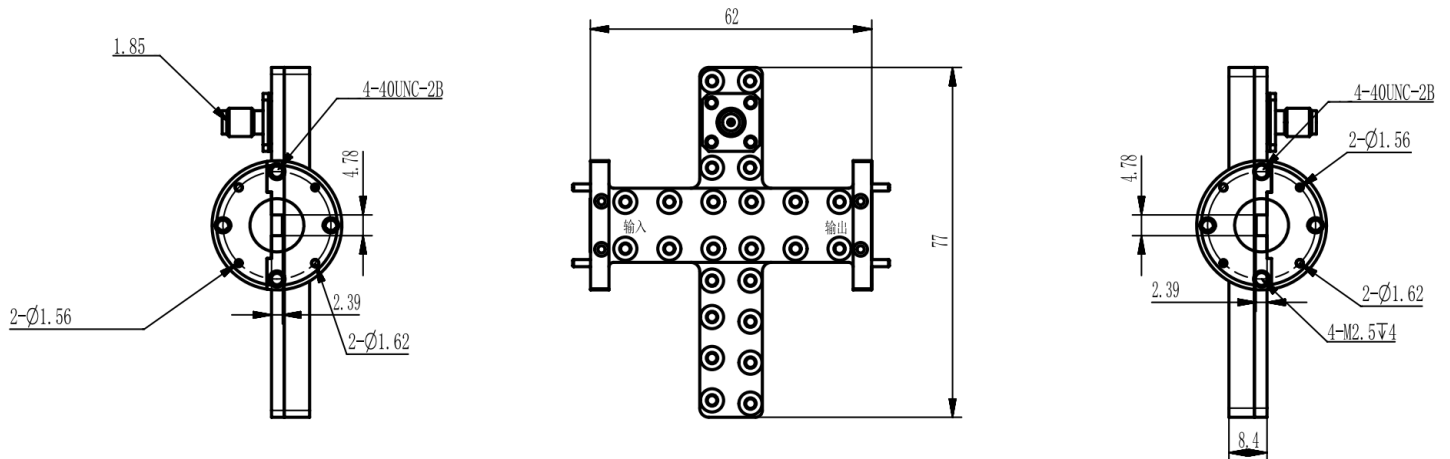
Electrical

Frequency Range	39.2-59.6 GHz
VSWR	1.10 max(Main line), 1.5 max (Secondary line)
Insertion Loss	0.15 dB max
Coupling	50 ± 1.5 dB
Directivity	15 dB min
Operating Temperature	-40°C ~ +70°C

Mechanical

Waveguide Size	WR19(R500)
Flange Type	UG383/U(Modified) Flange
Flange Material and plating	Copper, gold plated
Body Material and Plating	Copper, gold plated
Coupled Port	1.85mm Female

Dimensions(mm)





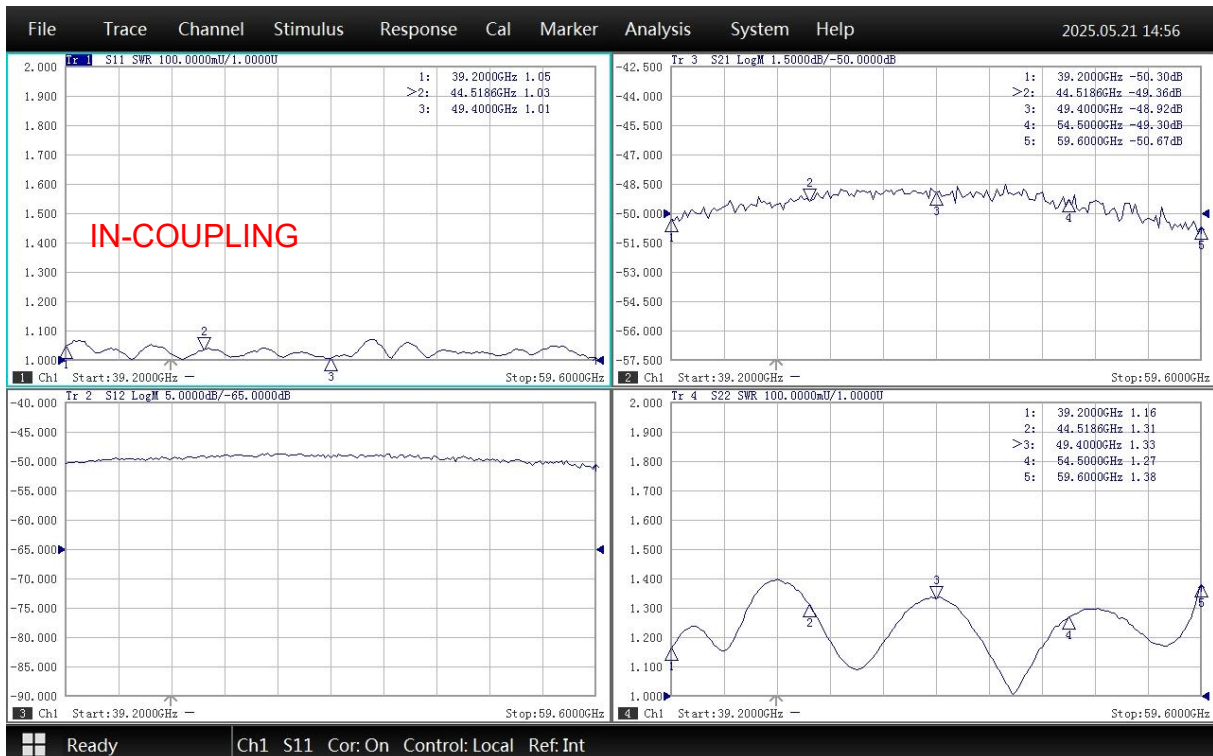
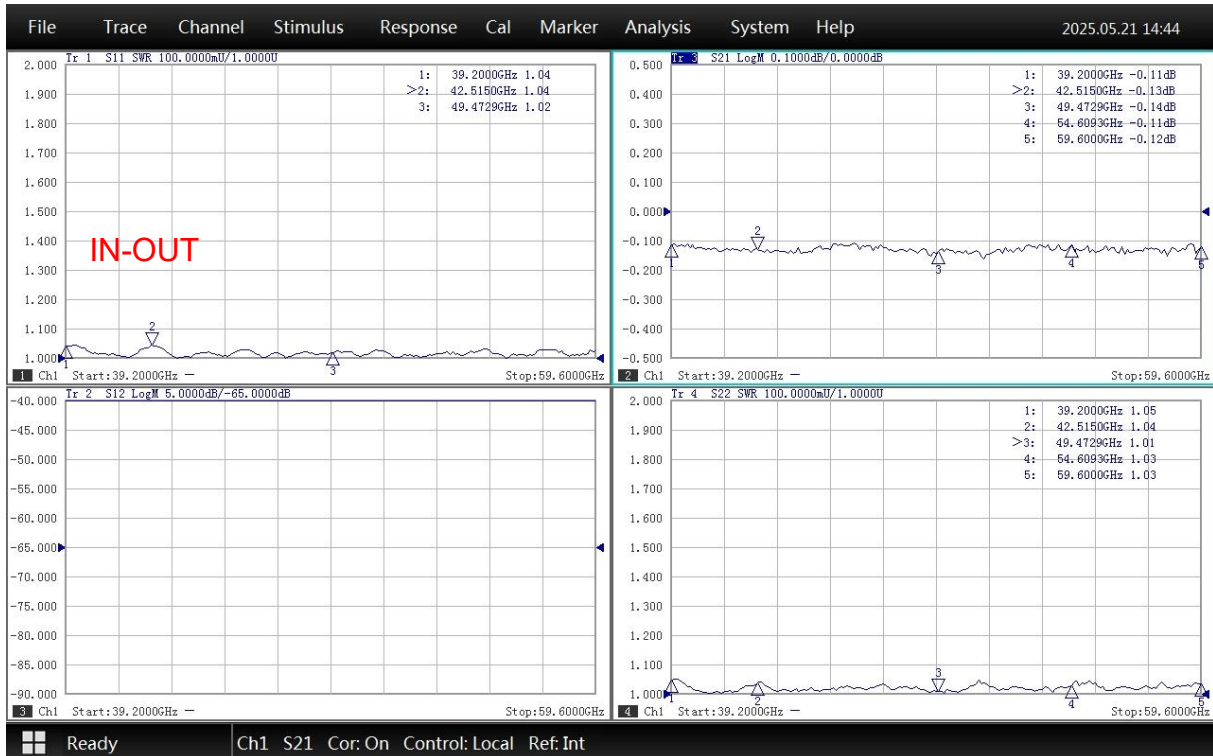
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Typical Test Data





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