

DATASHEET, 4202, Coaxial Couplers

- Average power:20W coaxial couplers
- Peak Power:3 kW
- Impedance:50Ω
- Flat frequency response
- Small size,lightweight
- Very low,Fine grain ripple
- SMA or N Connector

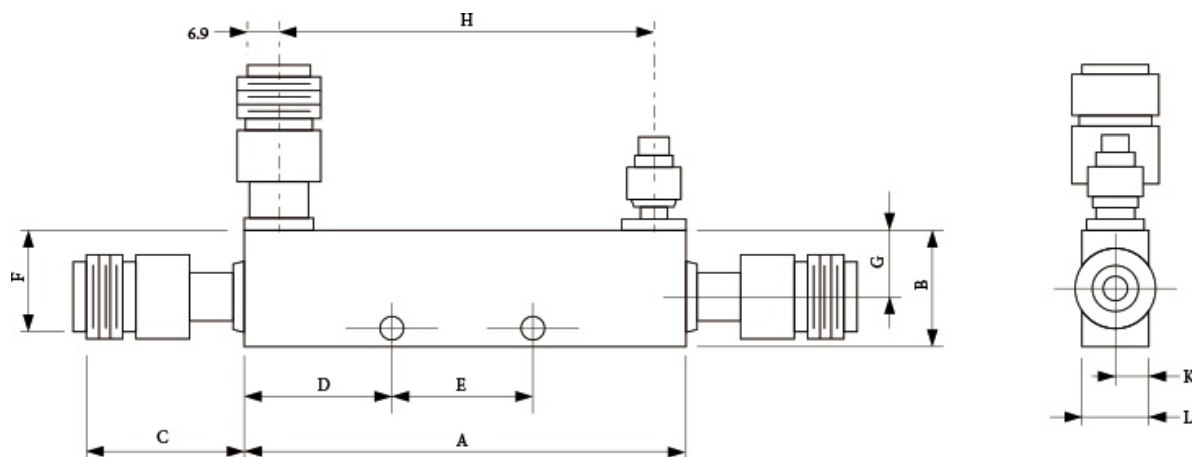


Specifications						
Model		4202B-6	4202B-10	4202B-20	3202B-10	3202B-20
Frequency (GHz)		1-12.4	1-12.4	1-12.4	1-12.4	1-12.4
Nominal Coupling(dB)*		6	10	20	10	20
Directivity (dB)	1-8 (GHz)	15	15	15	15	15
	8-12.4 (GHz)	12	12	15	12	15
Insertionloss (dB)	Excluding Coupled Power	0.70	0.70	0.70	0.70	1.00
	True (max.)	2.35	1.30	0.75	1.30	1.05
Power Input (W)		50	50	50	50	50
Power	Average (W)	20	20	20	20	20
	Peak(kW)	3	3	3	3	3
VSWR (max)	Primary line (max.)	1.35	1.35	1.35	1.45	1.45
	Secondary line(max.)	1.50	1.50	1.50	1.50	1.50
Frequency Sensitivity(dB max.)*		±0.50	±0.50	±0.50	±0.50	±0.50
Maximum Deviation From Nominal (dB)		±1.0	±1.5	±1.5	±1.5	±1.5
Connetor Type		SMA (F)	SMA (F)	SMA (F)	N (F)	N (F)
Weight (kg)		0.080	0.077	0.077	0.128	0.128

* Frequency sensitivity is included in coupling variation

* Coupling is referenced to the output port

Size:



Model	A (mm)	B (mm)	C (mm)	D (mm)	E(mm)	F(mm)	G(mm)	H(mm)	K(mm)	L(mm)	"J" Holes (mm)
3202B-10	82.29	22.35	27.94	28.44	25.4	18.03	12.19	69.01	7.11	14.47	2.64+0.10/-0.05
4202B-6, 10	82.29	22.35	9.65	28.44	25.4	18.03	12.19	69.01	7.11	14.47	2.64+0.10/-0.05
3202B-20	88.39	18.54	27.94	14.73	58.90	15.74	11.17	74.75	7.11	14.47	2.64+0.10/-0.05
4202B-20	88.39	18.54	9.65	14.73	58.90	15.74	11.17	74.75	7.11	14.47	2.64+0.10/-0.05