

## Coupler



Coaxial

### Ultra-Broadband Directional Coupler (SMA Connectors)

P/N	Frequency Range (GHz)	Insertion Loss (dB) max	Coupling (dB)	Directivity (dB) min	VSWR max	Power Handling (W) CW	Frequency Sensitivity (dB) max	Case
JXWBOH-T-500-2000-6	0.5-2	0.5	6±1.0	20	1.2	4/50*	±0.7	OH-T-6
JXWBOH-T-500-2000-10	0.5-2	0.5	10±1.0	20	1.2	10/50*	±0.7	OH-T-6
JXWBOH-T-500-2000-20	0.5-2	0.4	20±1.0	20	1.2	50	±0.7	OH-T-6
JXWBOH-T-500-2000-30	0.5-2	0.4	30±1.0	20	1.2	50	±0.7	OH-T-6
JXWBOH-T-800-2500-6	0.8-2.5	0.5	6±1.0	20	1.2	4/50*	±0.7	OH-T-4
JXWBOH-T-800-2500-10	0.8-2.5	0.5	10±1.0	20	1.2	10/50*	±0.7	OH-T-4
JXWBOH-T-800-2500-20	0.8-2.5	0.4	20±1.0	20	1.2	50	±0.7	OH-T-4
JXWBOH-T-800-2500-30	0.8-2.5	0.4	30±1.0	20	1.2	50	±0.7	OH-T-4
JXWBOH-T-1000-4000-6	1-4	0.5	6±1.0	20	1.2	4/50*	±0.7	OH-T-3
JXWBOH-T-1000-4000-10	1-4	0.5	10±1.0	20	1.2	10/50*	±0.7	OH-T-3
JXWBOH-T-1000-4000-20	1-4	0.4	20±1.0	20	1.2	50	±0.7	OH-T-3
JXWBOH-T-1000-4000-30	1-4	0.4	30±1.0	20	1.2	50	±0.7	OH-T-3
JXWBOH-T-2000-8000-6	2-8	0.5	6±1.0	20	1.2	4/50*	±1.0	OH-T-2
JXWBOH-T-2000-8000-10	2-8	0.5	10±1.0	20	1.2	10/50*	±1.0	OH-T-2
JXWBOH-T-2000-8000-20	2-8	0.4	20±1.0	20	1.2	50	±1.0	OH-T-2
JXWBOH-T-2000-8000-30	2-8	0.4	30±1.0	20	1.2	50	±1.0	OH-T-2
JXWBOH-T-2000-18000-10	2-18	1.5	10±1.0	12	1.6	10/50*	±1.0	OH-T-5
JXWBOH-T-2000-18000-20	2-18	1.2	20±1.0	10	1.6	50	±1.0	OH-T-5
JXWBOH-T-4000-18000-10	4-18	0.8	10±1.0	12	1.5	10/50*	±1.0	OH-T-1
JXWBOH-T-4000-18000-20	4-18	0.8	20±1.0	12	1.5	50	±1.0	OH-T-1

Notes:

1. Operating Temperature: -55 °C to +85 °C, Storage Temperature: -55 °C to +95 °C.
2. Applications: Indoor, 0-95%RH.
3. A/B\*: Power handling A is viable when there is complete reflection from the output, power handling will be B when the output is matched of load VSWR<1.5(A=4W or 10W, B=50W)
4. Insertion Loss does not include the intrinsic loss caused coupling. Different coupling, different coupling loss. The coupling loss can be neglected when the coupling is more than 20dB.
5. Custom Designs Available