

Directional Couplers High Power - Wide Band

Type N Connectors -30 to -50 dB

SPECIFICATIONS

MODELS	Frequency Range (GHz)	*Coupling (dB)	Frequency Sensitivity (dB)	Insertion Loss (dB Max)	**Directivity (dB Min.)	VSWR Primary Line	Power Capability (Watts)
317.2200-X	0.01-0.20	X - 1.2	- 0.50	0.25	20	1.25:1	400
317.2201-X	0.5-2.0	X - 1.0	- 0.75	0.2	18	1.15:1	600
317.2202-X	1.0-2.0	X - 1.0	- 0.75	0.2	18	1.15:1	600
317.2203-X	1.0-4.0	X - 1.0	- 0.60	0.2	15	1.15:1	600
317.2204-X	1.0-8.0	X - 1.2	- 0.90	0.25	20	1.25:1	300
317.2205-X	1.0-11.0	X - 1.0	- 1.90	0.2	15	1.30:1	250
317.2206-X	1.5-4.5	X - 1.0	- 0.60	0.2	18	1.20:1	600
317.2207-X	2.0-4.0	X - 1.0	- 0.75	0.2	18	1.15:1	600
317.2208-X	2.0-8.0	X - 1.0	- 0.60	0.2	16	1.30:1	400
317.2209-X	2.6-5.2	X - 1.0	- 0.75	0.2	18	1.20:1	600
317.2210-X	4.0-6.0	X - 1.0	- 0.50	0.25	18	1.25:1	400
317.2211-X	4.0-8.0	X - 1.0	- 0.75	0.2	18	1.30:1	600
317.2212-X	4.0-12.0	X - 1.0	- 0.60	0.2	15	1.30:1	250
317.2213-X	5.0-11.0	X - 1.0	- 0.75	0.2	15	1.30:1	250
317.2214-X	6.0-12.0	X - 1.7	- 1.50	1.0	12	1.80:1	100
317.2215-X	7.0-11.0	X - 1.0	- 0.50	0.2	16	1.30:1	300
317.2216-X	8.0-12.4	X - 1.2	- 0.75	0.4	14	1.40:1	250
317.2217-X	12.0-14.0	X - 1.5	- 1.00	0.6	12	1.70:1	100

*Replace X with coupling value from -30 to -50 dB.

**Higher directivity designs available. Consult factory with requirements.

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MODELS*	Frequency Range (GHz)	Coupling (dB)	Frequency Sensitivity (dB)	Insertion Loss (dB Max)	**Directivity (dB Min.)	VSWR Primary Line	Power (Watts)
318.2000-X	0.5-2.0	X - 1.0	- 0.75	0.4	18	1.20:1	600
318.2001-X	1.0-2.0	X - 1.0	- 0.75	0.4	18	1.20:1	600
318.2002-X	1.0-4.0	X - 1.0	- 0.60	0.4	15	1.20:1	600
318.2003-X	1.0-8.0	X - 1.0	- 1.30	1.2	12	1.80:1	300
318.2004-X	1.0-11.0	X - 1.0	- 2.00	0.5	15	1.35:1	250
318.2005-X	1.5-4.5	X - 1.0	- 0.60	0.4	18	1.25:1	600
318.2006-X	2.0-4.0	X - 1.0	- 0.75	0.4	18	1.20:1	600
318.2007-X	2.0-8.0	X - 1.0	- 0.60	0.4	16	1.35:1	400
318.2008-X	2.6-5.2	X - 1.0	- 0.75	0.4	18	1.25:1	600
318.2009-X	4.0-8.0	X - 1.0	- 0.75	0.4	18	1.35:1	600
318.2010-X	4.0-12.0	X - 1.0	- 0.80	0.5	15	1.35:1	200
318.2011-X	5.0-11.0	X - 1.0	- 0.80	0.5	15	1.35:1	250
318.2012-X	5.8-6.40	X - 1.0	- 1.30	1.2	12	1.80:1	500
318.2013-X	6.0-18.0	X - 1.0	- 1.30	1.2	12	1.80:1	100
318.2014-X	7.0-11.0	X - 1.0	- 0.50	0.5	16	1.35:1	300
318.2015-X	8.0-12.4	X - 1.0	- 1.30	1.2	12	1.80:1	300
318.2016-X	12.0-18.0	X - 1.0	- 1.00	1.0	12	1.70:1	100

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