

ANAREN Xinger® Baluns, Dividers, Couplers & Resistors **Anaren®**



This product is RoHS compliant.

What'll we think of next?®

BALUN TRANSFORMERS (CONT.)

MOUSER STOCK NO.	Anaren Part No.	Package	Frequency (GHz)	Power (W)	Unbalanced Port Impedance (Ω)	Balanced Port Impedance (Ω)	Insertion Loss (dB)	Amplitude Balance (dB)	Phase Balance (deg.)	RL Unbalanced (dB)	Price Each			
											1	10	50	100
620-BD2425N50ATI	BD2425N50ATI	0404	2.4-2.5	1	50	127+34	0.6	-	-	13	.33	.30	.28	.25
620-BD2425NCSR	BD2425NCSR	0404	2.4-2.5	1	50	matched	1	0.5	6	10	.33	.30	.28	.25
620-BD2425NNRF	BD2425NNRF	0404	2.4-2.5	1	50	matched	1.25	-	-	10.2	.33	.30	.28	.25
620-BD2425P50100AHF	BD2425P50100AHF	0404	2.4-2.5	1	50	100	0.9	1.5	9	19	.39	.36	.33	.30
620-BD3150N50100AHF	BD3150N50100AHF	0404	3.1-5	1	50	100	0.9	1.3	7	16	.33	.30	.28	.25
620-BD4859N50100AHF	BD4859N50100AHF	0404	4.8-5.9	1	50	100	0.6	1.5	8	15	.33	.30	.28	.25
620-BD4859N5050AHF	BD4859N5050AHF	0404	4.8-5.9	1	50	50	0.7	1.2	7	16	.33	.30	.28	.25

POWER DIVIDERS

MOUSER STOCK NO.	Anaren Part No.	Package	Frequency (GHz)	Power (W)	Input/Output Impedance (Ω)	Insertion Loss (dB)	Amplitude Balance (dB)	Phase Balance (deg.)	Return Loss (dB)	Isolation (dB)	Price Each			
											1	10	50	100
620-PD0409J7575S2HF	PD0409J7575S2HF	0805	0.4-0.9	2	75/75	0.6	0.6	3	10	8.2	.59	.54	.50	.45
620-PD6080J5050S2HF	PD6080J5050S2HF	0805	0.6-0.8	2	50/50	0.9	0.5	5	12	15	.59	.54	.50	.45
620-PD0810J5050S2HF	PD0810J5050S2HF	0805	0.8-1	2	50/50	0.6	0.6	4	14	17	.59	.54	.50	.45
620-PD0922J7575D2HF	PD0922J7575D2HF	0805	0.9-2.15	2	75/75	1	0.7	3	9.5	14	.59	.54	.50	.45
620-PD0922J5050S2HF	PD0922J5050S2HF	0805	0.95-2.2	2	50/50	0.7	0.3	3	10.4	9	.59	.54	.50	.45
620-PD1722J5050D2HF	PD1722J5050D2HF	0805	1.7-2.2	2	50/50	0.7	0.3	3	11	17	.59	.54	.50	.45
620-PD1722J5050S2HF	PD1722J5050S2HF	0805	1.7-2.2	2	50/50	0.7	0.3	3	11	17	.59	.54	.50	.45
620-PD2328J5050S2HF	PD2328J5050S2HF	0805	2.3-2.8	2	50	50	0.3	2	15	17	.59	.54	.50	.45
620-PD2425N5050S2	PD2425N5050S2	0404	2.4-2.5	0.5	50	40	0.35	1.3	21	20	.59	.54	.50	.45
620-PD3150J5050S2HF	PD3150J5050S2HF	0805	3.1-5	2	50/50	1.3	0.4	2	6.8	13	.59	.54	.50	.45
620-PD4859J5050S2HF	PD4859J5050S2HF	0805	4.8-5.9	2	50/50	1	0.3	4	7.9	14	.59	.54	.50	.45

90° HYBRID COUPLERS

MOUSER STOCK NO.	Anaren Part No.	Package	Frequency (GHz)	Power (W)	Return Loss (dB)	Insertion Loss (dB)	Amplitude Balance (dB)	Phase Balance (deg.)	Isolation (dB)	Price Each			
										1	10	50	100
620-X3C07P1-03S	X3C07P1-03S	SMD	0.6-9	130	1.15	0.2	±.25	7	23	2.68	2.41	2.14	1.93
620-C0810J5003AHF	C0810J5003AHF	0805	0.8-1	4	21	0.6	0.9	4	18	.62	.57	.52	.48
620-X3C09P1-03S	X3C09P1-03S	SMD	0.8-1	90	1.15	0.22	±.2	4	23	2.68	2.41	2.14	1.93
620-X3C09P2-03S	X3C09P2-03S	SMD	0.8-1	187	1.15	0.2	±.22	4	23	2.88	2.59	2.30	2.07
620-XC0900A-03S	XC0900A-03S	SMD	0.811-1	175	1.15	0.15	±0.2	2	23	3.20	2.88	2.56	2.30
620-C1720J5003AHF	C1720J5003AHF	0805	1.7-2	4	21	0.4	1	5	24	.62	.57	.52	.48
620-C2327J5003AHF	C2327J5003AHF	0805	2.3-2.7	4	15	0.4	0.9	8	18	.62	.57	.52	.48
620-C2023J5003AHF	C2023J5003AHF	0805	2-2.3	4	18	0.4	0.8	6	21	.62	.57	.52	.48
620-C3337J5003AHF	C3337J5003AHF	0805	3.3-3.7	4	15	0.3	1	7	18	.62	.57	.52	.48
620-XC1900A-03S	XC1900A-03S	SMD	14-15	150	1.15	0.08	0 to -0.4	2	23	3.20	2.88	2.56	2.30
620-X3C19P1-03S	X3C19P1-03S	SMD	14-15	90	1.3	20	±.5	4	20	2.68	2.41	2.14	1.93
620-X3C19P2-03S	X3C19P2-03S	SMD	17-20	176	1.15	0.22	±.22	4	23	2.88	2.59	2.30	2.07
620-X3C21P1-03S	X3C21P1-03S	SMD	18-23	90	1.15	0.22	±.22	4	23	2.68	2.41	2.14	1.93

DIRECTIONAL COUPLERS

MOUSER STOCK NO.	Anaren Part No.	Package	Frequency (GHz)	Power (W)	Insertion Loss (dB)	Mean Coupling (dB)	Directivity (dB)	Return Loss (dB)	Price Each			
									1	10	50	100
620-DC0710J5010AHF	DC0710J5010AHF	0805	0.7-1	2	0.21	10.9	20.1	17.5	.72	.66	.61	.55
620-DC0710J5020AHF	DC0710J5020AHF	0805	0.7-1	2	0.22	19.5	19.7	21.41	.72	.66	.61	.55
620-X3C09E2-20S	X3C09E2-20S	SMD	0.8-1	225	0.075	20	20	1.22	4.00	3.60	3.20	2.88
620-X3C09P2-30S	X3C09P2-30S	SMD	0.8-1	225	0.1	30.2	20	1.15	3.60	3.24	2.88	2.59
620-X3C19E2-20S	X3C19E2-20S	SMD	1.4-2.7	225	0.1	1.22	20	1.22	4.00	3.60	3.20	2.88
620-X3C19P2-30S	X3C19P2-30S	SMD	1.4-2.7	200	0.1	30.4	20	1.22	3.60	3.24	2.88	2.59
620-DC1722J5010AHF	DC1722J5010AHF	0805	1.7-2.2	2	0.22	15.2	22.6	29.2	.72	.66	.61	.55
620-DC1722J5015AHF	DC1722J5015AHF	0805	1.7-2.2	2	0.22	15.2	22.6	29.2	.72	.66	.61	.55
620-DC1722J5020AHF	DC1722J5020AHF	0805	1.7-2.2	2	0.17	19.9	21.4	22.5	.72	.66	.61	.55
620-X3C26P1-30S	X3C26P1-30S	SMD	2.3-2.9	200	0.1	30	20	1.15	3.60	3.24	2.88	2.59
620-DC2337J5010AHF	DC2337J5010AHF	0805	2.3-3.7	2	0.21	10.8	21.1	22.8	.72	.66	.61	.55
620-DC2337J5020AHF	DC2337J5020AHF	0805	2.3-3.7	2	0.14	21.3	14.9	21.2	.72	.66	.61	.55
620-DC4759J5020AHF	DC4759J5020AHF	0805	4.7-5.9	2	0.17	19.7	10.3	7.6	.72	.66	.61	.55

DOHERTY COMBINERS

MOUSER STOCK NO.	Anaren Part No.	Package	Frequency (GHz)	Power (W)	Insertion Loss (dB)	Amplitude Imbalance (dB)	Phase Imbalance (°)	Return Loss (dB)	Price Each			
									1	10	50	100
620-X3DC07E2S	X3DC07E2S	SMD	0.728-.768	200	0.15	±0.12	90±3	20	4.00	3.60	3.20	2.88
620-X3DC08E2S	X3DC08E2S	SMD	0.862-0.894	200	0.15	±0.12	90±3	20	4.00	3.60	3.20	2.88
620-X3DC09E2S	X3DC09E2S	SMD	0.92-0.96	200	0.15	±0.12	90±3	20	4.00	3.60	3.20	2.88
620-X3DC18E2S	X3DC18E2S	SMD	1.805-1.88	200	0.15	±0.12	90±3	20	4.00	3.60	3.20	2.88
620-X3DC19E2S	X3DC19E2S	SMD	1.93-1.99	200	0.15	±0.12	90±3	20	4.00	3.60	3.20	2.88
620-X3DC21E2S	X3DC21E2S	SMD	2.11-2.17	200	0.15	±0.12	90±3	20	4.00	3.60	3.20	2.88

TERMINATORS

MOUSER STOCK NO.	Anaren Part No.	Package	Resistance (Ω)	Tolerance (%)	Power Rating (W)	Frequency (GHz)	Operating Temperature Range (°C)	Price Each			
								1	10	50	100
620-060120A15Z50-2	060120A15Z50-2	SMD	50	2	8	6	-55 to +125	3.72	3.10	2.79	2.48
620-C16A50Z4	C16A50Z4	SMD	50	2	16	4	-55 to +125	4.11	3.43	3.08	2.74
620-C150N50Z4	C150N50Z4	SMD	50	2	150	4	-55 to +125	7.56	6.30	5.67	5.04
620-C200N50Z4	C200N50Z4	SMD	50	2	200	2.2	-55 to +125	8.34	6.95	6.26	5.56

HIGH FREQUENCY RF RESISTORS

MOUSER STOCK NO.	Anaren Part No.	Package	Frequency (GHz)	Resistance (Ω)	Power Rating (W)	Tolerance (%)	Operating Temperature Range	Case Dimensions (in.)			Price Each			
								Height	Length	Width	1	10	50	100
620-R3B100550R0J5G0	R3B100550R0J5G0	SMD	5	50	0.5	5	-55°C to +150°C	0.015	0.04	0.02	17.10	15.39	11.62	10.94
620-C1A101050R0J4A0	C1A101050R0J4A0	SMD	5	50	1	5	-55°C to +150°C	0.01	0.042	0.037	13.80	12.61	11.18	10.71
620-R3C131350R0G4K0	R3C131350R0G4K0	SMD	12	50	1.25	2	-55°C to +150°C	0.02	0.048	0.048	12.60	11.34	8.56	8.06
620-R1B131350R0F5BT	R1B131350R0F5BT	SMD	16	50	1	1	-55°C to +150°C	0.015	0.05	0.05	14.06	12.78	9.90	9.10
620-C1A131350R0G4A2	C1A131350R0G4A2	SMD	16	50	1	2	-55°C to +150°C	0.01	0.05	0.05	14.06	12.78	9.90	9.10
620-R2B131350R0J5J0	R2B131350R0J5J0	SMD	16	50	1	5	-55°C to +150°C	0.015	0.05	0.05	8.58	7.84	6.95	6.65
620-R2B131350R0J5L0	R2B131350R0J5L0	SMD	16	50	1	5	-55°C to +150°C	0.015	0.05	0.05	7.28	6.65	5.89	5.64
620-R1A100550R0J5A0	R1A100550R0J5A0	SMD	17	50	0.5	5	-55°C to +150°C	0.01	0.04	0.02	8.71	8.16	6.71	5.80
620-R1A100550R0J5C0	R1A100550R0J5C0	SMD	17	50	0.5	5	-55°C to +150°C	0.01	0.04	0.02	8.93	8.16	6.73	6.93
620-C1K131350R0G4F2	C1K131350R0G4F2	SMD	17	50	2	2	-55°C to +150°C	0.025	0.05	0.05	15.13	13.61	10.28	9.68
620-R2B080550R0J5J0	R2B080550R0J5J0	SMD	18	50	0.5	5	-55°C to +150°C	0.015	0.03	0.02	15.28	13.74	10.38	9.77
620-R2B100550R0J5G0	R2B10055													