BLMA 1 ... 18 GHz
Solid State Amplifiers

BONN Elektronik
YOUR ULTIMATE RF POWER SOURCE

STANDARD MODELS

Model	Frequency Range	Output Power P_N min / typ W	Gain min / typ dB	Harmonics 2nd / 3rd dBc	Line Power VA	Dimensions (H, D) 19"-System	Weight kg
BLMA 1018-0.5	1 ... 18 GHz	0.5 / 0.6	27 / 30 ±3	20 / 20	40	2 HU, 430 mm	11
BLMA 1018-1	1 ... 18 GHz	1 / 1.2	30 / 34 ±4	20 / 15	40	2 HU, 430 mm	12
BLMA 1018-1.5	1 ... 18 GHz	1.5 / 1.8	31.8 / 35 ±3	15 / 20	75	2 HU, 430 mm	11
BLMA 1018-2.5	1 ... 18 GHz	2.5 / 3	34 / 37 ±3	15 / 20	80	2 HU, 430 mm	12
BLMA 1018-4	1 ... 18 GHz	4 / 4.4	36 / 40 ±4	15 / 15	80	2 HU, 430 mm	12
BLMA 1018-4D	1 ... 18 GHz				160	2 HU, 430 mm	13
	1 ... 6 GHz	4 / 5	36 / 39 ±3	20 / 20			
	6 ... 18 GHz	4 / 5	36 / 40 ±4	18 / 20			
BLMA 1018-7/5D	1 ... 18 GHz				220	2 HU, 430 mm	13
	1 ... 6 GHz	7 / 8	38.4 / 42 ±3	15 / 20			
	6 ... 18 GHz	5 / 6	37 / 40 ±3	15 / 20			
BLMA 1018-10	1 ... 18 GHz	10 / 12	40 / 44 ±4	15 / 20	400	2 HU, 430 mm	14
BLMA 1018-10D	1 ... 18 GHz				400	2 HU, 430 mm	14
	1 ... 6 GHz	10 / 12	40 / 43 ±3	20 / 20			
	6 ... 18 GHz	10 / 12	40 / 44 ±4	15 / 20			
BLMA 1018-15D	1 ... 18 GHz				350	3 HU, 430 mm	18
	1 ... 6 GHz	15 / 20	41.8 / 45 ±3	15 / 20			
	6 ... 18 GHz	15 / 20	41.8 / 45 ±3	15 / 20			
BLMA 1018-20D	1 ... 18 GHz				350	3 HU, 430 mm	18
	1 ... 6 GHz	20 / 25	43 / 46 ±3	15 / 20			
	6 ... 18 GHz	20 / 22	43 / 46 ±3	15 / 20			
BLMA 1018-30/10D	1 ... 18 GHz				400	3 HU, 430 mm	18
	1 ... 6 GHz	30 / 35	44.8 / 48 ±3	15 / 20			
	6 ... 16 GHz	10 / 12	40 / 44 ±4	15 / 20			
	16 ... 18 GHz	8 / 10	39 / 43 ±4	15 / 20			
BLMA 1018-30/15D	1 ... 18 GHz				450	3 HU, 430 mm	18
	1 ... 6 GHz	30 / 35	44.8 / 48 ±3	15 / 20			
	6 ... 18 GHz	15 / 18	41.8 / 46 ±4	15 / 20			
BLMA 1018-30/20D	1 ... 18 GHz				500	3 HU, 430 mm	18
	1 ... 6 GHz	30 / 35	44.8 / 48 ±3	15 / 20			
	6 ... 18 GHz	20 / 22	43 / 47 ±4	15 / 20			

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BLMA 1018-30D	1 ... 18 GHz				850	3 HU, 630 mm	21
	1 ... 6 GHz	30 / 40	44.8 / 49 ±4	20 / 20			
	6 ... 18 GHz	30 / 40	44.8 / 49 ±4	20 / 20			
BLMA 1018-50D	1 ... 18 GHz				950	3 HU, 630 mm	25
	1 ... 6 GHz	50 / 55	47 / 50 ±3	15 / 20			
	6 ... 18 GHz	50 / 55	47 / 51 ±4	15 / 20			
BLMA 1018-100/30/35D	1 ... 18 GHz				1000	4 HU, 630 mm	36
	1 ... 2.5 GHz	100 / 120	50 / 53 ±3	15 / 20			
	2.5 ... 6 GHz	30 / 35	44.8 / 48 ±3	15 / 20			
	6 ... 18 GHz	35 / 40	45.4 / 49 ±3	15 / 20			
BLMA 1018-100D	1 ... 18 GHz				2700	5 HU, 630 mm	55
	1 ... 6 GHz	100 / 110	50 / 53 ±3	15 / 20			
	6 ... 18 GHz	100 / 110	50 / 54 ±4	15 / 20			

For individual data sheets, please click on the above model name

1 HU = 44.45 mm