

HIGH VOLTAGE PULSE ATTENUATOR MODEL COMPARISON

Model	Average input power	Voltage ratio dB	Maximum peak voltage	Input @ pulse width ns	Reflection coefficient at 100ps	Risetime through unit ps	Effective bandwidth DC to	Connectors
102-GP-20	5W	20	2,500	400	< 2%	< 50	7 GHz	GR 874 non-locking
102-GLP-20	5W	20	2,500	400	< 2%	< 50	7 GHz	GR 874 locking
102-NMFP-20	5W	20	2,500	400	< 2%	< 50	7 GHz	N Male/Female**
142-xxx-3	2W	3	2,500	400	< 3%	< 10	30 GHz	***
142-xxx-4	2W	4	2,500	400	< 3%	< 10	30 GHz	***
142-xxx-6B	2W	6	2,500	400	< 3%	< 10	30 GHz	**
142-xxx-8B	2W	8	2,500	400	< 3%	< 10	30 GHz	***
142-xxx-10B	2W	10	2,500	400	< 3%	< 10	30 GHz	***
142-xxx-14B	2W	14	2,500	400	< 3%	< 10	30 GHz	***
142-xxx-20B	2W	20	2,500	400	< 3%	< 10	30 GHz	***
142-xxx-26B	2W	26	2,500	400	< 3%	< 10	30 GHz	***
202B-GLP-N	2W	8	5,000	400	< 5%	< 20	17 GHz	GR 874 locking
202A-GLP-T	2W	14	5,000	400	< 5%	< 20	17 GHz	GR 874 locking
202A-GLP-X	2W	20	5,000	400	< 5%	< 20	17 GHz	GR 874 locking
202B-NMFP-N	2W	8	4,000	400	< 5%	< 20	17 GHz	N female/male
202-NMFP-T	2W	14	4,000	400	< 5%	< 20	17 GHz	N female/male
202-NMFP-X	2W	20	4,000	400	< 5%	< 20	17 GHz	N female/male
2237-HFNFP	2.5W	26	10,000	400	< 4%	< 50	7 GHz	HNB female input
2238-HFNFP	2.5W	26	16,000	400	- - - -	< 1ns	0.35 GHz	N female output
2239-HFNFP	2.5W	26	16,000	400	< 4%	<100	3.5GHz	N female output
2511-30F	25W	30	8,000	150	< 5% @ 1ns	< 1ns	0.35 GHz	Fischer input BNC output
2536-HFP-3	200W	3	7,000 15,000	400 75	< 5%	< 30	10 GHz	HNB female*
2536-HFP-6	200W	6	7,000 15,000	400 75	< 5%	< 30	10 GHz	HNB female*
2536-HFP-10	200W	10	7,000 15,000	400 75	< 5%	< 30	10 GHz	HNB female*
2536-HFP-20	200W	20	7,000 15,000	400 75	< 5%	< 30	10 GHz	HNB female*

NOTE: Our type HN (HNB) connectors are specially designed to obtain minimum reflection coefficient for fast risetimes. For best pulse response, our model 401-HNB male or 402-HNB female cable connector for RG214/U coax should be used for interconnection.

* Unit is supplied with a Barth Model 404-HMM low reflection HNB male to male adapter, so that either the input or output can be adapted to a male connection.

** Units with N connectors are limited to a 4kV rating.

*** Any male or female (GR, N, HNB, GHV) can be supplied.