

WIDE BAND HIGH VOLTAGE TRANSFORMER

TRANSFORMER COMPONENT MODEL COMPARISON

Transformer Type Model #	Maximum peak voltage	Maximum energy without saturation	Input reflection coefficient @ 100ps τ	Risetime through unit mainline ps	Risetime of coupled output ps	Connectors
PULSE INVERTERS						
6115-BMFP	1,000	45 Vx μ s	< 4%	< 400 **	n/a	BNC male/female
621A-GLP	2,000	250 Vx μ s	< 5%	< 70	n/a	GR 874 locking
621A-MFP	2,000	250 Vx μ s	< 5%	< 70	n/a	SMA female
621-NFP	2,000	250 Vx μ s	< 5%	< 70	n/a	N female
623-GLP	1,000	30 Vx μ s	< 5%	< 70	n/a	GR 874 locking
BALUNS						
650A-NFT	300	30 Vx μ s	< 1%	n/a	< 60	N female input- N female output
651-NFP	1,000	500 Vx μ s	< 1%	n/a	< 90	N female input- N female output
652-NFP	1,000	100 Vx μ s	< 1%	n/a	< 50	N female input- N female output

** Input Reflection Coefficient rated at 500ps τ .

