










# INSTRUMENTATION

	Function ↑	Freq (min) ↑	Freq (max) ↑	Power ↑	Package ↑
	<a href="#">ASNT PRBS45</a> PRBS7 to PRBS31 Pattern Generator with USB Control Interface	Freq (min):100Mbps	Freq (max):45Gbps	Power:21250 mW	Package:Benchtop
	<a href="#">ASNT 6901-MOD</a> PAM4 Data Generator with USB Control Interface	Freq (min):1 Gbaud	Freq (max):64 Gbaud	Power:130 W	Package:Benchtop
	<a href="#">ASNT 6902-MOD</a> PAM4 Data Generator with USB Control Interface	Freq (min):1 Gbaud	Freq (max):56 Gbaud	Power:22.5 W	Package:Benchtop
	<a href="#">ASNT 6900-MOD</a> PAM4 Data Decombiner with USB Control Interface	Freq (min):1 Gbaud	Freq (max):64 Gbaud	Power:TBD	Package:Benchtop
	<a href="#">ASNT6118-MOD</a> Modular Advanced Driver / Amplifier with Digital Pre-Emphasis, PAM4 Encoding, and less than 200fs p-p Jitter	Freq (min):1.0 Gbps	Freq (max):32.5 Gbps	Power:10000 mW	Package:Benchtop
	<a href="#">ASNT MUX64</a> High Speed 2:1 Multiplexer Unit w/ USB Control Interface	Freq (min):DC	Freq (max):64 Gbps	Power:15000 mW	Package:Benchtop
	<a href="#">ASNT DMUX64</a> High Speed 1:2 Demultiplexer Unit w/ USB Control Interface	Freq (min):DC	Freq (max):64 Gbps	Power:800 mW	Package:Benchtop
	<a href="#">ASNT FS8151</a> Frequency Synthesizer with USB Control Interface	Freq (min):4 GHz	Freq (max):32 GHz	Power:15000 mW	Package:Benchtop
	<a href="#">ASNT9001-JI</a> Advanced Jitter Generation/Insertion Module w/ USB Control Interface	Freq (min):DC	Freq (max):29 GHz	Power:16000	Package:Board / Benchtop



### [ASNT MSPG](#)

4 Channel 0.1 to 40Gbps  
PRBS Generator with USB  
Control Interface

Freq (min):100  
Mbps

Freq (max):40  
Gbps

Power:15000

Package:Benchtopy



### [ASNT PRBS43A](#)

2<sup>7</sup>-1 / 2<sup>15</sup>-1 PRBS  
Generator with USB Control  
Interface and on-board PLL

Freq (min):10 kbps

Freq (max):48  
Gbps

Power:20000 mW

Package:Benchtopy



### [ASNT ED45A 2CH](#)

2 Channel PRBS Error  
Detector with USB Control  
Interface

Freq (min):1 Gbps

Freq (max):45  
Gbps

Power:23800 mW

Package:Benchtopy