

10Gbps Serial Bit Error Rate Tester

SeBERT-100

- TOSA / ROSA inspection, driving optical modulators
- Low-cost 10Gbps BERT for production lines
- SFP+ / XFP compatible slot (optional)

10Gbps	Max. 4ch	Built-in CDR	Built-in Clock	SFP+/XFP	Remote
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Specifications

		min.	typ.	max.	unit
Pulse pattern generator	Data rate	9.95328		11.32	Gbps
	Data patterns	PRBS: 2 ⁷ -1, 2 ²³ -1, 2 ³¹ -1, or 64 bit user-defined			
	Output voltage ¹	300		500	mVpp
	Rise/Fall time (20-80%)		23		ps
	Jitter (rms)		1.5		ps
Error detector	Input sensitivity		30		mVpp
	Detection threshold	-64	0	+64	mV
	PC interface		USB		
	Power supply		AC 100-240 (50 / 60 Hz)		V
	Dimension (W x H x D)		236 x 88 x 405		mm
	Weight		5		kg

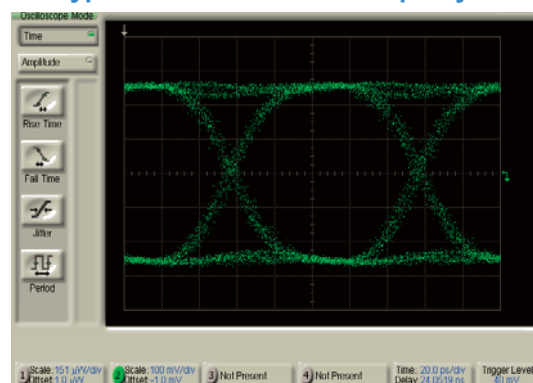
1. Single-ended output.

The above specifications may change without prior notice.

Software Interface



Typical Performance: 10Gbps Eye Pattern



Ordering Information

SeBERT - 100 □

- Slot Model
- E : Electrical model
- S : SFP slot model
- X : XFP slot model