

7G & 13G Clock Recovery Units



Features

- Wide operating range: 622MHz to 13.5GHz
- Good input sensitivity (18mVpp)
- Low residual jitter (300fs)
- Differential input connectors
- GPIB programmable for automated use
- Wall-wart pluggable power supply
- Small compact size (1.5" x 4.5" x 7")

Applications

- Designed for signal integrity lab applications requiring multi-rate clock recovery
- Can be used for SFP, fiber, and other photonic applications where polarization mode dispersion affects the data period
- Can be used for recovering clock from degraded data stream, for data recovery and resampling applications

Specifications

	Units	Min	Typ*	Max
TR1C1-A				
Operating Range	GHz	0.622	-	7.0
Input Sensitivity	mVpp	50	18	**
Output Amplitude	Vpp	-	1	-
Residual Jitter	fs	-	300	-
Input Match	dB	-	-15	-
TR1C1-A-OPT001				
Operating Range	GHz	0.622	-	13.5
Input Sensitivity	mVpp	50	25	-
Output Amplitude	Vpp	-	1	-
Residual Jitter	fs	-	300	-
Input Match	dB	-	-15	-

* Typicals at prbs7 msd1/2 @ 1Vpp input

** Maximum Input Amplitude is 2Vpp.

Ordering Information

TR1C1-A	7G Clock Recovery Unit 622MHz to 7GHz CRU, 1-year warranty
OPTIONS	
TR1C1-A-OPT001	13G Clock Recovery Unit 622MHz to 13.5GHz CRU, 1-year warranty
TR1C1-A-OPT005	Extended Calibration Service (1-year)
TR1C1-A-OPT101	European Power Cord
TR1C1-A-OPT102	UK Power Cord
TR1C1-A-OPT106	Extended Warranty (1-year)

For Additional Information or to Place an Order:

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