

Request for Quotation

Reference No: EE/PK/OSO/2012

Request for quotation for the item “High Speed Sampling Oscilloscope”; description given below. Please quote your best offer, terms and conditions of payment, delivery of goods etc. Quotation should be first sent via email to pradeepk@iitk.ac.in. A hard copy, **in a sealed envelope**, may be sent to the following address:

Dr. Pradeep Kumar K
ACES 325B, Dept of EE
IIT Kanpur
Kanpur-208016, India

Item description

High Speed Sampling Oscilloscope

RF/Electrical Specifications

BW: 80 GHz, Sampling Oscilloscope
External Trigger 3 – 13 GHz (min)
Pattern generator: PRBS 2³¹-1 bit length (max); Pattern Lock function preferred
Characteristic Jitter: 1.2 ps RMS for time delays less than 100 ns
Trigger bandwidth: 15 GHz (min) - 48 GHz (max)
Scale factor range: 2 ps/div – 1 s/div
Time interval accuracy: 10 ps (min)
Time interval resolution: 1 ps (min)
Eye pattern measurement and display
TDR and S-parameter measurements
Eye-mask testing of up to 40 Gbps links
At least one RF input channel

Optical Specifications

BW: 40-65 GHz
Wavelength range: 1300-1600 nm
At least one optical input channel

In general, impedance of RF modules should be 50 Ohm
Software support for all functionalities must
GPIB, RS-232, USB drives must be supported

Enquiry

Opening: January 10, 2012

Closing: January 23, 2012