



**Technical Sales**  
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## NI PXIe-5630

### 6 GHz Vector Network Analyzer

- 10 MHz to 6 GHz frequency range
- >100 dB dynamic range
- <-123 dBm/Hz noise floor
- -30 to +5 dBm power range
- <400  $\mu$ s/point sweep speed over 3,201 points




### Overview

The NI PXIe-5630 is a 6 GHz, 2-port vector network analyzer (VNA) with support for vector measurements of transmission and reflection (T/R) coefficients, which are also represented as the forward S-parameters S11 and S21. The 10 MHz to 6 GHz frequency range, a wide dynamic range of greater than 100 dB, and sweep speeds of less than 400  $\mu$ s/point over 3,201 points make the VNA ideally suited for automated design validation and production test.

The NI PXIe-5630 provides impressive value and flexibility in a small form factor. With a mature feature set, including automatic precision calibration, full vector analysis, and reference plane extensions, it offers an ideal vector network analysis solution for your validation and production operations without the high costs and large footprints associated with a traditional benchtop VNA. The flexible LabVIEW API is optimized for parallel test using a single controller with multiple VNAs for multisite test operations. In addition, with the open PXI platform, you can seamlessly integrate additional RF or mixed-signal I/O instruments into your test system.

### Pricing

Unit price does not include Import duty , VAT, or Sales Tax

Part Number	Description	Est Ship	 Indian Rupee*	Qty
NI PXIe-5630				
781219-01	NI PXIE-5630 VNA, 10 MHZ - 6 GHZ, 2-Port, T/R Test Set	15 - 20	INR 1,511,900.00	0
781219-02	NI PXIE-5630 6 GHz Vector Network Analyzer w/Time Domain Analysis	Call	INR 1,649,400.00	0
781800-01	Time Domain Analysis License For NI Vector Network Analyzers	10 - 15	INR 206,200.00	0
Accessories				

781587-01	Manual VNA Calibration Kit, K-Type	17 - 25	INR 306,000.00	0
781589-01	Automatic VNA Calibration Kit , K-Type, Male-Female, 10 MHz -6 GHz	Call	INR 590,600.00	0
781588-01	Manual VNA Calibration Kit, N-Type	Call	INR 284,700.00	0
781595-01	Phase-Equal Precision Adapter Kit, K-Type	Call	INR 163,700.00	0
781596-01	Phase-Equal Precision Adapter Kit, N-Type	Call	INR 156,800.00	0
781607-01	Precision Coaxial Cable, 0.6 m, K-Type, Male-Male	17 - 25	INR 49,900.00	0
781608-01	Precision Coaxial Cable, 0.6 m, K-Type, Male-Female	Call	INR 49,900.00	0
781609-01	Precision Coaxial Cable, 0.6 m, K-Type Male to N-Type Male	Call	INR 49,900.00	0
781610-01	Precision Coaxial Cable, 0.6 m, K-Type Male to N-Type Female	Call	INR 49,900.00	0
781615-01	Calibrated 5/16" Torque Wrench, 8 in-lbs (0.9 Nm)	17 - 25	INR 24,800.00	0

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Call 91 80-4119 0000 to place your order or obtain a quote.

## Resources

### Additional Product Information

- Manuals (5)
- Dimensional Drawings
- Product Certifications

### Related Information

- Introducing Industry's First PXI Vector Network Analyzer
- Fundamentals of Network Analysis
- Vector Network Analysis Webcast Series
- Best Practices to Get the Most Out of Your RF Instruments
- Preconfigured VNA Startup Kit
- VNA Calibration and Verification Kits
- RF Training