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VT1586A
Rack-Mount Terminal Panel

VXI Technology™

- 96 terminals (32 three-wire channels)
- Built-in strain relief
- Includes pinouts and easy access to probe points
- Connections via 50-pin SCSI connectors
- Internal reference junction 32 TC channels



Overview

The VT1586A Rack-Mount Terminal Panel provides maximum flexibility in configuring system wiring and interface solutions. It connects VXI test modules to your device under test (DUT) when the system components are located at a distance from your mainframe.

Different cable pairs are available from VXI Technology for connecting the VT1586A Rack-Mount Terminal Panel to VXI modules with option A3F. The standard cables (VT1588A) consist of two each 2-meter long, 16-channel, 50 conductor twisted pair SCSI cables with one shield around all 16 pairs. These cables are suitable for relatively short cable runs. Contact VXI Technology for price and delivery of these custom-length cables.

Temperature Monitoring

The isothermal reference junction in the terminal panel provides an internal reference junction for up to 32 three-wire thermocouple channels. The rack-mount design provides easy access to the thermocouples for control and monitoring of distributed environmental temperatures, temperature control applications, and temperature control in material processing.

Filtering

Optional filter board provides jumper-selectable per channel tri-filar transformers and/or low-pass RF filters. These are generally required in order to get accurate low-level measurements whenever high-frequency common mode noise in the 1kHz to 1MHz range is present.

Product Specification

Rack width:	Standard 19 inch
Number of terminals:	96 (32 3-wire channels)
Thermocouple channels:	32 3-wire with isothermal reference junction
Common mode RF filter available:	VT1586A - 001
VXI-to-terminal panel shielded cables (custom length):	See note with Ordering Information.

Ordering Informaton

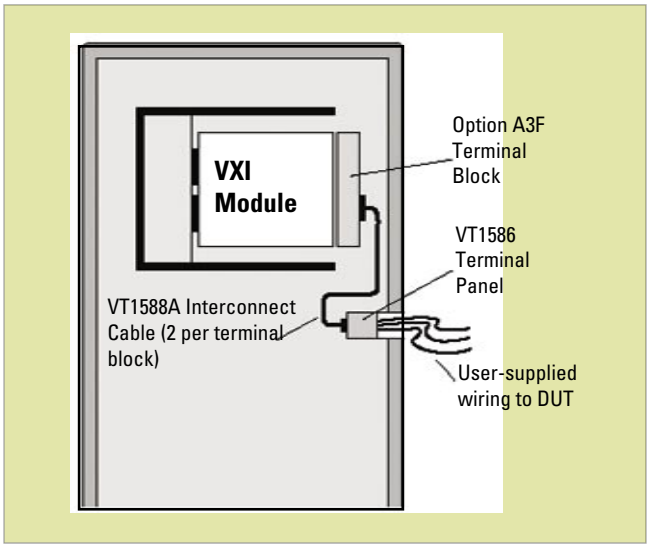
Description	**Product No.**
Rack-Mount Terminal Panel for 32 Channels	VT1586A

Description	Product No.
Add RF Filters	VT1586A-001[1]
16-channel Shielded Twisted Pair Cable Outer Shield (2 ea, 2 m long)	VT1588A[2]
16-Channel Shielded Twisted Pair Cable Individually Shielded Pairs	See note below.[3]

[1] Filters for large common mode signals (above 5 Vp-p and below 5 kHz) are also available by custom order.

[2] A standard SCSI-2 cable (such as the cable orderable from Cables To Go, P/N DZSUNMM3) may be used. Note, however, that the cable must have .050 MD50 connectors on both ends. VXI Technology strongly recommends using metal connector housing. Molded connector housings may not fit in the terminal modules.

[3] These cables can be custom ordered to length to fit your application. To order, ask your VXI Technology Sales Representative to contact the VXI Technology manufacturing division for price and delivery.



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