

NetVanta Carrier Ethernet Quad VDSL2 EFM Module

P/N 17406369F1, 17406369F3



SPECIFICATIONS

VDSL2 Interface	Four 2-wire VDSL2 loops ITU-T G.993.2 compliant ADSL, ADSL2, ADSL2+ fallback compatibility IEEE 802.3ah EFM bonding MEF compliant
Compliance	Annex A: FCC Part 15 Class A, EN 300 386 Class A, UL/CUL 60950-1, ACTA/FCC Part 68, IC CS-03, RoHS Compliant Annex B: FCC Part 15 Class A, EN 300 386 Class A, AS/ACIF S043, IEC/EN 60950-1 Second Edition, AS/NZS 60950.1, RoHS Compliant
Physical	Dimensions: 6.75-inch W x 6.59-inch D Operating Temperature: 0°C to 70°C Storage Temperature: -20°C to 85°C Relative Humidity: Up to 95 percent, noncondensing

INSTALLATION INSTRUCTIONS

1. Remove power from the base unit.
2. Remove cover from option slot.
3. Slide the option module into the option slot until the module is firmly seated against the chassis.
4. Secure the screws at both edges of the module with a screwdriver.
5. Connect the cable(s) to the associated device.
6. Complete installation of the base unit.
7. Restore power to the base unit.

VDSL2 PINOUTS

Pin	Name	Description
1, 2	—	Unused
3	Ring	Ring lead of the 2-wire interface
4	Tip	Tip lead of the 2-wire interface
5, 6	—	Unused

LED BEHAVIORS

LED	Color	Indication
1 through 4	Off	VDSL loop is administratively shut down.
	Green (flashing)	VDSL loop is training.
	Green (solid)	VDSL loop is trained and EFM group is established.
	Amber (flashing)	VDSL loop is trained but EFM group is not established.
	Amber (solid)	VDSL loop is in test.
	Red (flashing)	VDSL loop is in handshake process.
	Red (solid)	VDSL loop connection failure.



- *NetVanta Quad VDSL2 Option Modules should be installed only in the NetVanta 4660 and NetVanta 6360 products.*
- *NetVanta option modules are intended to be installed, maintained, and serviced by qualified service personnel only.*

WARNING

For NetVanta modules with outside plant connections, ensure that all cables are removed from the module before installing or removing it from the NetVanta chassis.



Important: For additional details on product features, specifications, installation, and safety, refer to the appropriate hardware installation guide available online at <https://supportforums.adtran.com>.