



VIADUX™ 300 LONGREACH® ETHERNET



KEY FEATURES
KEY BENEFITS
SPECIFICATION

Viadux 300
LongReach
Ethernet:

- Extends standard 10baseT Ethernet reach from the rooftop radio to Viadux Broadband Gateway in the basement or telephone closet for up to 8 times farther than the 330 ft (100m) limitations over twisted-pair wiring
- Eliminates the need for installing repeaters every 100 meters on the twisted pair line
- Simplifies and accelerates service deployment for the entire multi-tenant building
- Enables the rapid deployment of combined wireless and in-building twisted pair broadband solutions.

VIADUX 300 LONGREACH ETHERNET

Viadux's patent-pending LongReach Ethernet allows you to complete your connection from your wireless rooftop radio to the broadband gateway, and to your customers without any repeaters. It enabled the rapid and economical deployment of wireless last-mile data, voice, and video services for the entire multi-tenant building.



VIADUX 300 SPECIFICATIONS

Functionality

- Physical Data Rate: 10 Mbps
- Ethernet modes supported: 10 Mbps half duplex, 10 Mbps full duplex

Maximum Distance

- Longwire Interface: RJ-45
- 10BaseT Interface: RJ-45

Interfaces

- CAT 5: 2500 ft / 763 m
- CAT 3: 1600 ft / 487 m

Mounting

- 2-screw mounting design

Power

- For Unit: 9VDC / 100 mA supplied via Power Module
- Power Module: 100-120VAC (2 blade) / 220-230VAC (2 prong universal)

Physical Dimensions

- Height: 1.0 in / 2.54 cm
- Length: 2.5 in / 6.35 cm
- Width: 3.5 in / 8.89 cm
- Weight: 2.0 lb / 0.91kg shipping weight

Environment

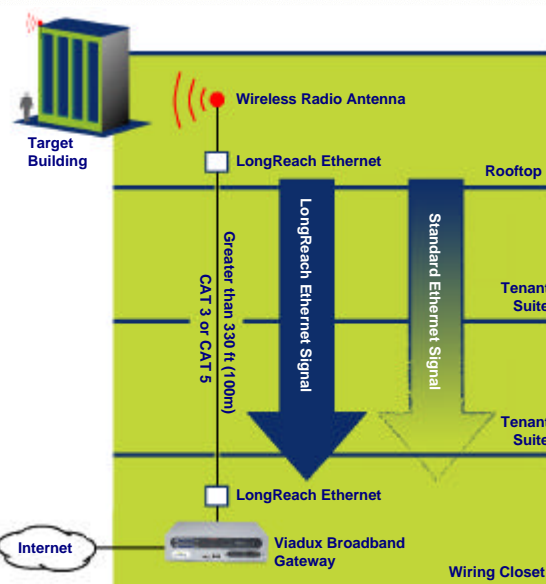
- Operating temp: 32° – 122° F / 0° to 50° C
- Storage temp: -13° – 140° F / -25° to 60° C
- Humidity: 5 to 95% (non-condensing)

Safety

- UL & cUL per UL1950, 3rd Edition
- CSA C22.2 No. 950
- IEC 60950 3rd Edition, 1991 + A1-A4
- CB certificate

EMI

- FCC Part 15, Class A
- EN55022, Class A



Immunity

- EN55024

Viadux 300 Model

- RC300

Products manufactured by Viadux and distributed by Motorola.

To purchase, please contact:

