


Vector 5 Q70-39

Description	Quanta 70 Q70-39, 70 GHz point-to-point unit, net throughput up to 480 Mbps, integrated dual-pol antenna, 39 dBi, 2x2 deg
Net throughput	up to 480 Mbps
Recommended distances	up to 5 km
Radio technology	SC-FDE
Modulation coding schemes	from BPSK 1/4 to QAM64 5/6
Transmit power	up to 11 dBm
Receiver sensitivity	down to -86 dBm
Frequency range	71000-76000 MHz
Channel width	125 MHz
Center frequency adjustment step	125 MHz
Duplex scheme	TDD
Antenna	39 dBi
Wired Interfaces	1x Combo port GigabitEthernet/SFP



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Consumption	up to 15 W
Power options	90-240 VAC ~ @ 50/60 Hz, ±43..56 VDC
Outdoor Unit (ODU)	255 x 226 x 189 mm, 3,1 kg
	
Part Number Example	Q70-39
Packing List	<ul style="list-style-type: none"> - Outdoor unit Q70-39 - 1 pcs. - Power Supply IDU-CPE-G - 1 pcs. - Power Cord - 1 pcs. - Cable Gland for RJ-45 - 1 pcs. - Cable Gland for optical cable - 1 pcs. - Standard RJ-45 connector - 1 pcs. - Shielded RJ-45 connector - 1 pcs. - RJ-45 Plug Cap - 1 pcs. - MONT-KIT-85PW Mounting kit - 1 pcs. - Quick Start Guide - 1 pcs.



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Features

RADIO

- ▶ Automatic Bitrate Control
- ▶ Automatic Transmit Power Control
- ▶ Channel Time Adjustment

NETWORKING

- ▶ Built-in full-fledged L2 switch supporting
- ▶ Transparent L2 transport for Ethernet traffic of any type

MANAGEMENT FEATURES

- ▶ Various Management Protocols: HTTP, SSH, HTTPS, FTP, Telnet, SNMP v1/2c/3 (MIB-II and proprietary MIBs)
- ▶ Graphical User Interface
- ▶ LED Indication: power status, wireless and wired link status, RSSI value indication
- ▶ Antenna alignment tool
- ▶ Automatic software update
- ▶ Online monitoring with proprietary EMS InfiMONITOR

QUALITY-OF-SERVICE

- ▶ 8 priority queues
- ▶ IEEE 802.1p support
- ▶ IP DiffServ support



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Features

ENVIRONMENTAL

- ▶ Outdoor Units: -40..+60C, 100% humidity, condensing
- ▶ Indoor Unit: 0..+40C, 95% humidity, non-condensing

SECURITY FEATURES

- ▶ Password protection
- ▶ Secure command-line access via SSH protocol

MAC

- ▶ VLAN, 802.1ad DVLAN Q-in-Q

STANDARD COMPLIANCE

- ▶ Safety (pending):
 - EN/IEC 62368-1:2014, UL 62368-1:2014
- ▶ Radio (pending):
 - EN 301 893 v.1.8.1, EN 302 502, v.1.2.1, FCC part 15.407
- ▶ EMC (pending):
 - ETSI EN 301 489-1, ETSI EN 301 489-17, FCC Part 15 Class B
- ▶ RoHS (pending):
 - RoHS3 Directive 2015/863/EU

