

THOMSON DCM476

DOCSIS 3.0 CABLE MODEM

FEATURES

- DOCSIS 3.0 certified
- 96 MHz integrated tuner fully compliant with DOCSIS 3.0
- 1 Gigabit Ethernet port
- MPEG2 over IP Encapsulation solution
- Reliable high-performance platform
- Powerful processor and architecture
- Advanced Power Control
- BPI+ communications privacy to support secure data exchange between modems & cable operator's servers



PRODUCT SPECIFICATIONS

INTERFACES

Data

DOCSIS 3.0 certified

CMTS Interoperability

Any qualified DOCSIS CMTS

RECEIVER

Downstream Modulation

QAM 64/256

Downstream Frequency Range

54-1002 MHz

Maximum Downstream Data Range

340 Mbps (theoretical) (42.88 Mbps x 8 Channels)

Capture Windows

96 MHz capture window with integrated tuner solution

Number of Downstreams

Up to 8

Input Signal Level Range

-15 dBmV to +15 dBmV

Input Impedance

75 Ohms

PC COMPATIBLE

Operating Systems

Windows 2000, XP, Vista and 7

Ethernet Port

10/100/1000 Base-T

Drive

CD-ROM



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PRODUCT SPECIFICATIONS

TRANSMITTER

Upstream Modulation	QPSK and 8,16, 32, 64 and 128 QAM
Number of Upstreams	4
Upstream Frequency Range	5-42 MHz
Maximum Upstream Data Range	131 Mbps (theoretical) (32.78 Mbps x 4 channels)
Channel Bandwidth	200, 400, and 800 kHz, 1.6, 3.2 and 6.4 MHz
Output Impedance	75 Ohms
Output Signal Level Range	A-TDMA: +68 to +118 dBmV @ QPSK +68 to +115 dBmV @ QAM 8/16 +68 to +114 dBmV @ QAM 32/64 S-CDMA: +68 to +113 dBmV / All

SOFTWARE FEATURES

Software Downloadable	Yes
Multiple Client Support	32
Class of Services (CoS)	16 SIDs
Protocol Filtering	Ethernet & IP
SNMP Management	V2, V3
Security	BPI+
HTTP Server (CM status)	Yes
Local Configuration	Yes
Through HTTP Server	Yes



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PRODUCT SPECIFICATIONS

INTERFACES/PHYSICAL

Giga Ethernet	1 x RJ-45 10/100/1000 Base-T auto detect
RF Connector	1 x F-Type
Button	Reset
LEDs	Power, DS, US, Online, Link
Power Supply	External 120VAC 60 Hz
Operating Temperature	32°F to 104°F
Operating Humidity	20 to 90% non-condensing
Storage Temperature	-4°F to 158°F
Safety	FCC Part 15

PACKAGING INFORMATION

Cabinet Dimensions	1.18 x 5.9 x 5.9 in. (H x W x D)
Cabinet Weight	Approx. 0.306 lbs.
Packaging Dimensions	2.87 x 9.05 x 8.58 in. (H x W x D)
Shipping Weight	Approx. 1.356 lbs.
Master-pack Dimensions	7.87 x 18.74 x 15.23 mm. (H x W x D)
Master-pack Shipping Weight	Approx. 15.65 lbs.
Master-pack Quantity	10 units

CONTENT OF THE BOX

- Cable Modem
- Power Supply
- Ethernet Cable
- CD-ROM