



digicom S.p.A.-ITALY-21010CardanoalCampo/AviaAlessandroVolta39 Tel.+39331/702611-Fax+39/331/263733-http://www.dgicomit

Base Band modem & Modem Eliminator...

- LCM16P is a complete and reliable **base band** modem to be used in point to point and multipoint communications on 2 and 4 wires leased lines, in full duplex and half duplex with fixed and controlled carrier. This modem is **suitable** for any telematic environment, for **building**, **campus and local** loop needs.
- LCM16P is **compatible** with any base band modem, it can be used on leased lines which are lent by your public manager, owner of the lines themselves.
- It is easy to **program** and it is in conformity with **ITU-T V54** recommandation for **diagnostic** management and telemanagement, in point to point and multipoint mode.
- This product comes from **ASIC digicom**technology used for DCE1 (completely digital modem for CDN network) and it is carried out also into version at **64 Kbit for special connections** (LCM16P64) at high speed in local point to point environment without cascade connections.

Technical Features

- Base band modem with phase modulation 2 levels ITU-T compatible
- Full duplex and half duplex with 4 wires line and half duplex with 2 wires line
- Working on point to point and multipoint networks
- Management of fixed and controlled carrier
- Automatic line equalizer
- Automatic speed detection for cascade connections.
- V24/V28 interface on DB25 connector
- Speeds: 225, 300, 450, 600, 900, 1200, 1800, 2400, 3600, 4800, 7200, 9600, 14400, 19200 bps
- Speeds: 24000, 32000, 38400, 48000 and 64000 bps on special version only
- Synchronous and asynchronous working with formats up to 11 bit
- Time Out circuit for carrier stop in multipoint due to fixed RTS for more than 32 Kbit
- C105/C106 delay: 0, 16, 32, 64, 128, 256, 512 bit time
- Line impedance: 150 or 600 ohm balanced
- Transmission level: from -6 to + 6 dBm
- Receiver from + 6 dBm to threshold level
- C109 threshold: -30 or -40 dBm with
- hysteresis > 2 dB
- C109 delay: off-on equal to 12 bit-time; onoff equal to 17 bit-time

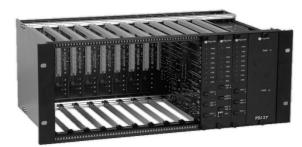


Base Band modem & Modem Eliminator...

are made in Italy products, projected and manufactured by digicom S.p.A. leading company on the market for twenty years with Quality Certification according to ISO9001/EN29000 and BABT. The products are homologated, **Cmarked** and they are in conformity with ITU-I recommendations warranting the **highest Quality level**.

> THIS DOCUMENT IS SUBEJCT TO CHANGE WITHOUT NOTICE







ST CALLSROOM TO LO CO	CONSOLLE MISSIN	and the second second	1000 A 100 A 10 A 10
LOT She's	Mannar Hackst Madem	•3	CD.pHeneda
Calco Constra 2. Depron 1	Data operation[10.14m	Useka	Data test distance
Mater Flash Muddle Partit PMC22P Mater M12	Shundard di Medula Jone Prates (15 Live	Patron 1	Huble
Parkin News Line And	Veheziki intea Fisher (*1400) Veheziki interfactio	Fulso	
Distance Laborate Videolia	Unde Tresmissions Jdia	a -16	Pitelle Pitelle
HancPSUT Michills Hanc/PSU prover [PSU2]P [prove2] Hans	Liste Reasons Hadrold (re.	39 43	
CHARLES CHARLES	Reports Sage Ran. The exercite	н ю	June
That Market Polls	Signal Duality Hosters (In Line	• •	1
Street (171 Street 2		0000	
Miserar DataOra Dowell.com	100 100 100 100 107 100 100 125 100 10 100 101 010 010 00 11 12		Line Collarator
Batter		0000	Chorene Carl Line (Actions Standy Line (Action) 40 Second
Modifica	1.12124022222022221		Unut freeter
Beard			

- Maximum distance for connection with twisted copper 6/10° cable:
 - 33 km up to 1200 bps
 - 30 km to 2400 bps
 - 24 km to 4800 bps
 - 14 km to 9600 bps
 - 10 km to 19200 bps
 - 3 km to 32000 bps
 - 3 km to 38400 bps - 2 km to 48000 bps
 - 2 km to 64000 bps
 - 2 km to 64000 bps
- Monitor from management system MSS01 through probe MSA01
- Power supply: 220 Vca 50 Hz
- Consumption: 6 VA
- Dimensions: 192 x 46 x 146 mm.
- Weight: 1,8 kg.
- If LCM16P is suitable for any local serial connectivity, **modem eliminator** is right for immediate connections and plug & play between computers located in the same room or near to each other.
- The **three versions proposed** here below manage different interfaces and they have consequently different electrical and speed characteristics.
- LCM3a for V24/V28
- LCM3b for V35
- LCM3c for X21
- Interfaces for direct connection to DTE on any of the two ports
- Speed up to 76800 bps for LCM3a
- Speed up to 1,024 Mbit for LCM3b and LCM3c
- Asynchronous and synchronous working with clock generation
- Transparent codes, formats and protocols
- Interface signals regeneration
- Internal and external clock management
- Full duplex or half duplex
- RTS/CTS delay on LCM3a: 1, 4, 17, 70 msec
- RTS/CTS delay on LCM3b: 16, 24, 48 bit time
- RTS/CTS delay on LCM3c: 16, 24, 48 bit time
- V24/V28 interface on DB25 female connector
- V35 interface on 34 pin female connector
- X21 interface on DB15 female connector
- Power Supply: 220 Vca 50 Hz
- Consumption: 10 VA
- Peso: 1,2 Kg



PRODUCT CODE DESCRIPTION

LCM16P	8D1678	Base band modem up to 19200 bps - V24/V28
LCM16PR	8D1726	Base band modem up to 19200 bps - V24/V28 - rack mount version
LCM16P64	8D1837	Base band modem up to 64000 bps - V24/V28 - V35 point/point - synchronous
RMC27	8D7069	Rack for 12 LCM16PR and 1 power supply
RMC28	8D7070	Rack for 10 LCM16PR and 2 power supplies
PSU27	8D6058	Power supply for RMC27 and RMC28 racks
LCM3a	8D1203	V24/V28 modem eliminator
LCM3b	8D1632	V35 modem eliminator
LCM3c	8D1633	X21 modem eliminator
CM5	8D5401	V35 interface adapter with no cable, to be used with LCM16P64

digicom S.p.A.

BANDBASE 17/02/97

Download from Www.Somanuals.com. All Manuals Search And Download.

Free Manuals Download Website <u>http://myh66.com</u> <u>http://usermanuals.us</u> <u>http://www.somanuals.com</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.cc</u> <u>http://www.4manuals.com</u> <u>http://www.404manual.com</u> <u>http://www.luxmanual.com</u> <u>http://aubethermostatmanual.com</u> Golf course search by state

http://golfingnear.com Email search by domain

http://emailbydomain.com Auto manuals search

http://auto.somanuals.com TV manuals search

http://tv.somanuals.com