



EKSELANS BY ITS

ETHERNET OVER COAXIAL IPC M2



Master equipment

Transmission IP signal over coaxial cable

Work band 7,5-65 MHz

Speed 600 mbps on physical layer

Up to 253 users (Ekoax slaves)

Possibility of remote management

Power supply (12Vdc) included

With IPC-M2 is only possible to install one master using the same power supply. Is able to install up to 4 masters in parallel, each one with its own power supply

REFERENCE	IPC M2
Code	250003
Operating characteristics	
RF Parameters	
Frequency	7,5 – 65 MHz
Output level	120 dBuV
Minimum Recommended Input Level	43 dBuV
Return loss	> 16 dB
Transmission speed	
Speed on physical layer	600 Mbps
Speed on MAC layer	300 Mbps
Modulation	OFDM-2690 carriers 4096/1024/256/64/16/8-QAM, QPSK, BPSK, ROBO
Work band	TDMA / CSMA
Encryption	AES-128
Standards	
EOC Standard	IEEE P1901 HomePlug AV
Ethernet protocols	IEEE802.3, IEEE802.3x, IEEE802.3u, IEEE802.1P, IEEE802.1Q
Software	
Method of use	WEB, CLI y SNMP
Software characteristics	VLAN, QoS, bandwidth control, limitation "broadcast storm" ,...
Conexions	
RF Conexion	1 RF IN-MIX (F connector) 1 RF OUT (F connector)
Ethernet interface	1 port 10/100M/1000M Self-adaptive Ethernet (RJ45)
Power	24 Vdc
Consumption	< 8 W



IPC M2