



Chroma-Q™ Magic Box™ EtherSwitch 7F™ (1 Gigabit)

**Part No:
CHES07F**

S P E C I F I C A T I O N S H E E T

V 1.3

DESCRIPTION

The unit shall:

- Provide a heavy duty, high speed unmanaged network switch that supports simultaneous computer connections.
- Be equipped with one OpticalCon fibre optic connector and seven shielded EtherCon ports (RJ45) providing 10 / 100 / 1000 Mbps bandwidth in full-duplex mode.
- Be designed for a fibre optic cable length of up to 550m / 1800ft.
- Be designed for Cat5e cable lengths of up to 90m / 295ft per (RJ45) port.
- Enable the concurrent use of various multimedia devices within a network without traffic restrictions.
- Be designed for customised front of house racks.
- Utilise the unique Magic Box interlocking enclosure to facilitate rack mounting when used in single units or pairs and easy truss mounting via captive nut insert.

FEATURES

- One OpticalCon fibre optic connector at the rear panel.
- Two shielded EtherCon ports (RJ45) at the front panel.
- Five shielded EtherCon ports (RJ45) at the rear panel.
- Designed for a fibre optic cable length of up to 550m / 1800ft.
- Designed for Cat5e cable lengths of up to 90m / 295ft per (RJ45) port.
- Designed for customised front of house racks.
- Unique Magic Box interlocking enclosure facilitates easy rack mounting when used in single units or pairs and easy truss mounting via captive nut insert.
- Rack mounting brackets are available in single and dual unit versions to enable customisation of equipment racks or installations.

OVERALL SPECIFICATIONS

Net Dimensions:	Width (A): 220mm / 8.6" Height (B): 88mm / 3.5" Depth (C): 280mm / 11"
Net Weight:	3.5kg / 7.8lbs
Shipping Dimensions:	Width: 250mm / 9.8" Height: 125mm / 4.9" Depth: 300mm / 11.8"
Shipping Weight:	4kg / 9lbs
Power:	100-240V AC, 50-60Hz, 0.4A
Power Connector:	IEC
Ethernet Switch Type:	Intelligent store & forward
Ethernet Protocols:	All IEEE 802.3
RJ45 / EtherCon Port:	Shielded 10BaseT / 100BaseTX / 1000BaseT
RJ45 / EtherCon:	Auto-negotiation
RJ45 / EtherCon MDI / MDIX:	Auto-crossover
RJ45 / EtherCon TD & RD Polarity:	Auto-polarity
OpticalCon Port:	1000 Mbps
MAC Addresses Supported:	8192
VLAN Supported:	4096
Jumbo Frame Support:	Up to 9.6K
Buffer Memory:	144 Kbytes
Memory Bandwidth:	16 Gbps for full wire speed on all ports
Forwarding Rate:	10 Mbps : 14,880pps 100 Mbps : 148,81pps 1000 Mbps : 1488,1pps
Port Connection:	Link and activity LED
Power:	Power LED
Max Cat5e Cable Run:	90m / 295'
Max Fibre Optic Cable Run:	550m / 1800' multi-mode 50 / 125
Colour:	Black

ORDERING INFORMATION

Model	Part No.
Chroma-Q Magic Box EtherSwitch 7F	CHES07F

ACCESSORIES

Model	Part No.
Chroma-Q pair of Magic Box rack ears	CHMBEAR
Chroma-Q pair of Magic Box extended rack ears	CHMBEAR-1

www.chroma-q.com

