

SSQC/LP/EPADS/3Q/2086595

TECHNICAL SPECIFICATIONS FOR MEDIA CONVERTERS AND PATCH CORD

TECHNICAL SPECIFICATIONS FOR MEDIA CONVERTER-08 PORTS (TELEPHONE LINE - FIBER):

Sr. No.	Description:	Specifications:
1.	No. of ports	8ch phone+1 100M Ethernet
2.	Supported distance	20km
3.	Circuit type	Integrated circuits based on independent intellectual property rights
4.	Support	caller ID
FXS		
1.	Ringling voltage	75V
2.	Ringling frequency	25Hz
FXO		
1.	Two-wire input impedance	600Ω(off-hook)
2.	Return loss	40 db
3.	Ringling detection voltage	35V
FIBER PORT		
1.	Wavelength	1310nm/1550nm single fiber
2.	Connector	SC
3.	Transmitting optical power	>-6dBm
4.	Receive Sensitivity	<-36 (BER<10)
5.	Receive dynamic range	>-30dB
ETHERNET PORT		
1.	Connector	RJ45
2.	Transmission mode	full duplex/ half duplex 10/100Mbps
GENERAL REQUIREMENTS:		
1.	FEED VOLTAGE	48V
2.	WORKING VOLTAGE	220V
3.	SIZE	8ch (L×W×H) 185*135*30 mm
4.	Working temperature	-10-50°C
5.	Working humidity	10-90%
6.	Weight	<1kg
WORKING ENVIROMENT		
1.	Input voltage	AC220V
2.	Consumption	≤5W



TECHNICAL SPECIFICATIONS FOR MEDIA CONVERTER-16PORTS (TELEPHONE LINE - FIBER)

Sr. No.	Description:	Specifications:
1.	No. of ports	16ch phone+1 100M Ethernet
2.	Supported distance	20km
3.	Circuit type	Integrated circuits based on independent intellectual property rights
4.	Support	caller ID
FXS		
1.	Ringling voltage	75V
2.	Ringling frequency	25Hz
FXO		
1.	Two-wire input impedance	600Ω(off-hook)
2.	Return loss	40 db
3.	Ringling detection voltage	35V

FIBER PORT		
1.	Wavelength	1310nm/1550nm single fiber
2.	Connector	SC
3.	Transmitting optical power	>-6dBm
4.	Receive Sensitivity	<-36 (BER<10)
5.	Receive dynamic range	>-30dB
ETHERNET PORT		
1.	Connector	RJ45
2.	Transmission mode	full duplex/ half duplex 10/100Mbps
GENERAL REQUIREMENTS:		
1.	FEED VOLTAGE	48V
2.	WORKING VOLTAGE	220V
3.	SIZE	16ch (L×W×H) 475*140*43 mm
4.	Working temperature	-10-50°C
5.	Working humidity	10-90%
6.	Weight	<1kg
WORKING ENVIROMENT		
1.	Input voltage	AC220V
2.	Consumption	≤5W

TECHNICAL SPECIFICATIONS FOR FIBER PATCH CORD:

Sr. No.	Description:	Specifications:
1.	Connector Type	SC
2.	Fiber Core	Single mode, G.652D
3.	Insertion loss (DB/Km)	0.5 dB max. (1310nm/1550nm)
4.	Return Loss	>60 dB
5.	Diameter	2-5mm
6.	Sheath	LSZH, yellow
7.	Length	3m
8.	Operating Temperature	-60 to +85 C
9.	Safety	IEC 60332-3, IEC 60754-2, IEC 61034-2



BOQ FOR COPPER TO FIBER TELEPHONE LINE MEDIA CONVERTER:

S. NO	DESCRIPTION	UOM	QUANTITY	Brand/Model:	RATE	TOTAL
1.	Copper To Fiber Telephone Line Media Converter 08 Channel	PAIR	No. 03			
2.	Copper To Fiber Telephone Line Media Converter 16 Channel	PAIR	No. 02			
3.	Fiber Patch cord	Each	No. 20			
GRAND TOTAL:						



AD-012
Farhan Badar
CE (Services)
SSGC - Head Office

SPECIAL TERMS AND CONDITIONS

1. Order on Package basis.
2. Provided items must cover one year official warranty.
3. No refurbished item will be accepted.
4. Delivery period is 60-90days.

