

SERIES 3

SINGLE/MULTIMODE MEDIA CONVERTER



Single mode/multimode Media converter is designed to suit for the single/multi mode mixed environment. It can achieve the conversion between 850nm, 1300nm multimode and 1310nm, 1550nm single mode optic fiber. Upon single mode optic fiber, the transmission distance can be extended up to 110km. Ethernet, Fast Ethernet Gigabit Ethernet and 155M ATM protocols are all supported

PARAMETERS

100M or 155M ATM Single/Multi Mode Converter

Type	UE-SM/MM-(X)
Standards	IEEE802.3U
Connectors	SC or ST(100 BASE-FX multi-mode) SC, ST or FC (100 BASE-FX single mode)
Status Light	POW; Power Supply Status
Power supply	Inner Power Supply: AC 220V, 1A; DC -48V External Power Supply: 5V, 1A
Dimension	Internal: 31mmX125mmX165mm External: 27mmX88mmX115.5mm
Environment	Working Temperature: 0~50°C Storage Temperature: -40~70°C Humidity 5%~9% non-density
Weight	1kg

Gigabit Single/Multi Mode Converter

Type	UE-GSM/MM-(X)
Standards	IEEE802.3Z
Connectors	SC or ST (100 BASE-FX multi-mode) SC, ST or FC (100 BASE-FX single mode)
Status Light	POW; Power Supply Status
Power supply	Inner Power Supply: AC 220V, 1A; DC -48V External Power Supply: 5V, 1A
Dimension	Internal: 31mmX125mmX165mm External: 27mmX88mmX115.5mm
Environment	Working Temperature: 0~50°C Storage Temperature: -40~70°C Humidity 5%~9% non-density
Weight	125g

TYPE	MODE	WAVELENGTH nm	DISTANCE km	PWR dBm	SENSITIVITY dBm	MAX IN PWR dBm	LINK BUDGET dB
UE-SM/MM-SM	Multi-mode	850	2	-18.5~-14	-31	-14	12.5
	Single mode	1310	20	-15~-8	-31	-8	16
UE-SM/MM-LM	Multi-mode	850	2	-18.5~-14	-31	-14	12.5
	Single mode	1310	40	-8~-4	-31	-8	23
UE-SM/MM-LH	Multi-mode	850	2	-18.5~-14	-31	-14	12.5
	Single mode	1310	60	-5~0	-35	-3	30
UE-SM/MM-LW	Multi-mode	850	2	-18.5~-14	-31	-14	12.5
	Single mode	1550	110	-5~0	-35	-3	30
UE-GSM/MM-SM	Multi-mode	850	550m	-10~-4	-17	-4	7
	Single mode	1310	10	-5~0	-20	-3	15

Option1: Opt for Connector SC for Single/Multi Mode, ST for Single/Multi Mode, FC for Single Mode
Option2: Structure I for Inner Power supply, E for External Power Supply, M for -Converter Module