



Dual Fiber to Single Fiber Converter

Model:

AZ-DS-STM1
AZ-DS-STM4
AZ-DS-GE



Functions:

It is to convert Dual Fiber 850nm or 1310nm wavelength to Single Fiber 1310/1550nm wavelength Converter, kinds rates available 10/100/1000M, 155M/622M/STM-1/STM-4, it can also extend single-mode transmission distance, according to any agreement between different dates.

Features:

- ✧ supporting single fiber by double directions transmission;
- ✧ According to any agreement between different dates.
- ✧ Fulfilling medium convert between single-mode fiber and multi-mode fiber or extending fiber transmission distance, the wave length may be 850nm、 1310nm or 1550nm.
- ✧ Supporting medium convert between 100M fast speed Ethernet, 1000M Ethernet, 155M~1.25GATM, SDH or extending transmission distance.
- ✧ The longest transmission distance of multi-mode is 2KM; The longest transmission distance of single-mode is 120KM.
- ✧ As optical receiving and sending model with good optical character, electrical character, date transmits steady, and it can work for long time..

Parameter:

- ◆ Optical fiber interface: SC /FC/ST
- ◆ Optical fiber type:
 - Multi-mode:50/125um,62.5/125um,100/140um,wavelength:850or1310nm
 - Single-mode:8.3/125um,8.7/125um,9/125um,10/125um,wave length: 1310 or 1550nm
- ◆ Transmission rate: 10/100Mbps、 155Mbps、 622 Mbps、 1000 Mbps、 1.25Gbps、 2.5Gbps
- ◆ Transmission distance: multi-model with 2KM, single-model with 120KM.
- ◆ Indicator: it indicates power supply's condition, also suggests single-fiber and multi-fiber link condition.

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Power supply:
 working voltage range wide, good
 anti-disturb and Isolation, work stable
 Option I – DC-48V, range DC-36V~DC-72C
 Option II – AC220V, range AC165V~AC240V
 Power Consumption: <=3 Watts

Environment condition:
 Operating temperature: 0C~+50 C
 Storage temperature: -20 C~+70 C
 Relative temperature:95% (uncondensed)

Dimension:

- ✧ 210mm(L)
- ✧ 138mm(W)
- ✧ 30mm(H)

Application:



Order information:

AZ-DS-STM1-20	dual fiber to single fiber converter,STM-1,dual fiber,1310nm,SC,20KM,single fiber,1310nm/1550nm,SC,20KM,power AC220V or DC48V
AZ-DS-STM1-40	dual fiber to single fiber converter,STM-1,dual fiber,1310nm,SC,40KM,single fiber,1310nm/1550nm,SC,40KM,power AC220V or DC48V
AZ-DS-STM4-20	dual fiber to single fiber converter,STM-4,dual fiber,1310nm,SC,20KM,single fiber,1310nm/1550nm,SC,20KM,power AC220V or DC48V
AZ-DS-GE-20	dual fiber to single fiber converter, GE, dual fiber,1310nm,SC,20KM,single fiber,1310nm/1550nm,SC,20KM,power AC220V or DC48V