

BT321G1F-SM-20KM

1000Mbps Double Fiber

Media Converter, 20km



Key Features:

- Complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab/z 1000BASE-T,
- TP port supports 10/100/1000BASE-T auto-negotiation and auto-MDI/MDI-X
- Fiber Ports supports 1.25G Base-T SC 20Km
- 1000BASE-T: 5e/6 UTP cable, up to 100 meters
- Wall Mountable design
- LED indicators for easy network diagnostics
- Compact in size, easy installation

Introduction

This BT321G1F-SM-20KM gigabit media converter extends network distance with highly Gigabit performance via fiber optic cable. It provides media conversion between 10/100/1000BASE-T and 1000BASE-SX/LX interfaces. There are SC/SFP/WDM connectors with single-mode or multi-mode media for different distance solution as required. The Ethernet signal allows three types of segments to connect easily, efficiently and inexpensively. As this Gigabit Media Converter fully complies with IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T and IEEE 802.3z 1000BASE-LX/SX, the Gigabit media conversion installation is quite quick and easy with its plug and play feature. The BT321G1F-SM-20KM also supports flow control and back pressure in half-duplex to eliminate packet loss.

Easy Installation

This BT321G1F-SM-20KM fiber converter allows two types of the segment to connect easily. It can be used as a standalone unit when powered by its DC adapter or used as a slide-in module to 14-slot media converter chassis. These media chassis can assist in producing the power for the converters to maintain the fiber-optic network at one location.

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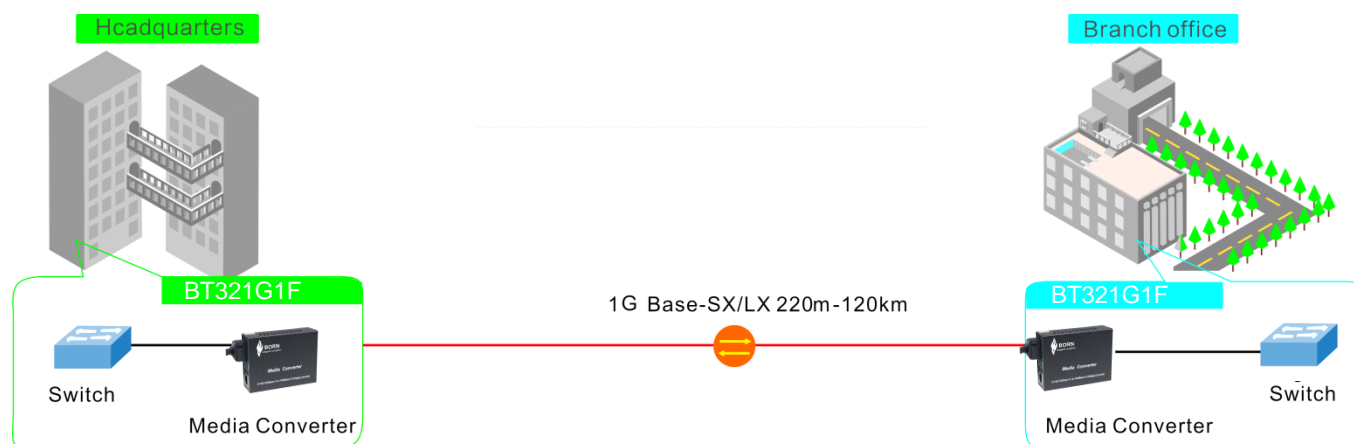
1000Mbps Fiber Media Converter

Technical Datasheet

Model	BT321G1F-SM-20KM	
Hardware Specifications		
Connector	1*10/100/1000 BASE-T RJ45 auto MDI/MDIX ports 1*1.25G Base-X SC	
Processing types	Store and forward	
LED Display	Power Indicator: PWR(green). Network Indicator: Link(green) Fiber: Green	
Thermal Fan	Fanless Design	
Network Standard	IEEE802.3i 10 BASE-T	
	IEEE802.3u 100 BASE-TX	
	IEEE802.3ab/z 1000 BASE-TX	
	IEEE802.3x Flow Control	
	IEEE802.3az EEE	
Jumbo Frame	9K	
Transmission model	IEEE802.3X full-duplex and Backpressure half-duplex.	
Switch Performance	Backplane bandwidth	10Gbps
	Packet forwarding rate	2.98Mpps
	MAC address	4k
Power requirement	DC 5V	
ESD Protection	6KV ESD	
Dimension (W x D x H)	70 x 95 x 26mm (W x D x H)	
Weight	0.15kg	
Environment	Operating temperature: -20℃~55℃， operating humidity: 5%~95% Storage temperature: -40℃~75℃， storage humidity: 5%~95%	
Safety	FCC Part15 Class A,CE,RoHs	

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Ordering Information

BT321G1F-SM-20km	1ch 10/100/1000/10G BASE-T to 1.25GBASE-X Fiber Converter.SC Connector, Double fiber,1310nm, 20km
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