

Gigabit Single-Mode Single-Fiber BiDi SC Media Converter Kit, 20 km, A+B

Fiber Optics / Media Converters

A + B kit · RJ45 10/100/1000 Mbps · Single-mode SC · Single-fiber BiDi · Up to 20 km · 5 V DC / 1 A.



KIT DE CONVERSORES GIGABIT

Monomodo · Fibra única · Hasta 20 km

2 unidades A + B · SC BiDi · RJ45 10/100/1000 Mbps

KG-FMC-1G-BD-SC-20-KIT

KG-FMC-1G-BD-SC-20-KIT

Brand
KONGIA

Type
Gigabit BiDi media converter kit

Sales unit
A + B kit with two complementary units

Key features

- BiDi A + B pair: Two complementary units for a bidirectional link.
- One fiber strand: One SC simplex connection per unit.
- Gigabit Ethernet: One RJ45 10/100/1000 Mbps port per unit.
- up to 20 km: Reach subject to optical budget and link condition.
- Power Supply: 5 V DC / 1 A per unit.
- Metal housing: Compact design with side ventilation.

Technical specifications

Parameter	Specification
Brand	KONGIA
SKU	KG-FMC-1G-BD-SC-20-KIT
Type	Gigabit BiDi media converter kit
Sales unit	A + B kit with two complementary units
Ethernet interface per unit	1 × RJ45 10/100/1000 Mbps
Optical interface per unit	1 × SC simplex

Technical specifications

Parameter	Specification
Fiber type	Single-mode SMF, one bidirectional BiDi fiber
Optical link class	Gigabit
Optical reach	Up to 20 km, subject to optical budget and link condition
Optical pair	A + B with complementary wavelengths
Connection between devices	One single-mode fiber between the SC ports of units A and B
Power supply per unit	5 V DC / 1 A
Housing	Metal, black, with side ventilation
Indicators	Power, link and activity
Optical module	Integrated with SC; no additional SFP module required
Contents	2 BiDi A + B converters, 2 power adapters of 5 V DC / 1 A and installation documentation
Fiber cable	Not included
Dimensions per unit	94 × 70 × 26 mm (depth × width × height)
KONGIA warranty	2 years

Applications

IP video surveillance

Ethernet network extension over one single-mode fiber.

Enterprise networks

Interconnection of switches, routers and technical rooms.

Links between buildings

Up to 20 km, subject to the link's optical budget.

Packaging & contents

2 BiDi A + B converters, 2 power adapters of 5 V DC / 1 A and installation documentation. Fiber cable not included.

Warranty

2-year KONGIA warranty against manufacturing defects.