

# FiberTechnic® 10/100/1000 Media Converter

1310nm SM SC duplex 20km



ID: 4161

FiberTechnic® Gigabit Media Converter FCM-3100-S20 RJ45 10/100 / 1000Mbit for transmission over single mode fiber operating on two fibers at the wavelength of 1310 nm of optical power over a distance of 20km from the duplex SC connector.

Media converter FiberTechnic® by FCM-3100-S20 is a device designed to convert an optical signal 1000BASE-LX / LH to an electrical signal 1000BASE-TX and vice versa. Designed in accordance with IEEE802.3ab standards 1000BASE-T and 1000BASE-SX IEEE802.3z, the device is intended for use with multi-mode fiber optic cable using a duplex SC connector.

Specification of the long-term laser (LX) at full speed 1000MB 1310 nm acts on both transmitting and receiving data on the two-fiber optical power with a distance of 20km from the duplex SC connector.

Media Converters offer FiberTechnic® with full support including advice on the selection of the product depending on the needs. The device is for use as stand-alone systems or chassis 19 „2U panel.

Transmission protocol	1000Base-LX/LH
Fiber optic wavelength	1310nm
Maximum transmission speed	1000Mbps
Maximum transmission length	20km
Fiber optic connector	SC Duplex
Fiber optic type	single mode SMF
UTP connector	RJ45 Auto MDI/MDI-X
Input voltage range	5V DC
Standards	CE, RoHS, FCC
Operating temperature	0°C do 55°C
Dimensions	140 x 110 x 30 mm
Weight	0,5 kg