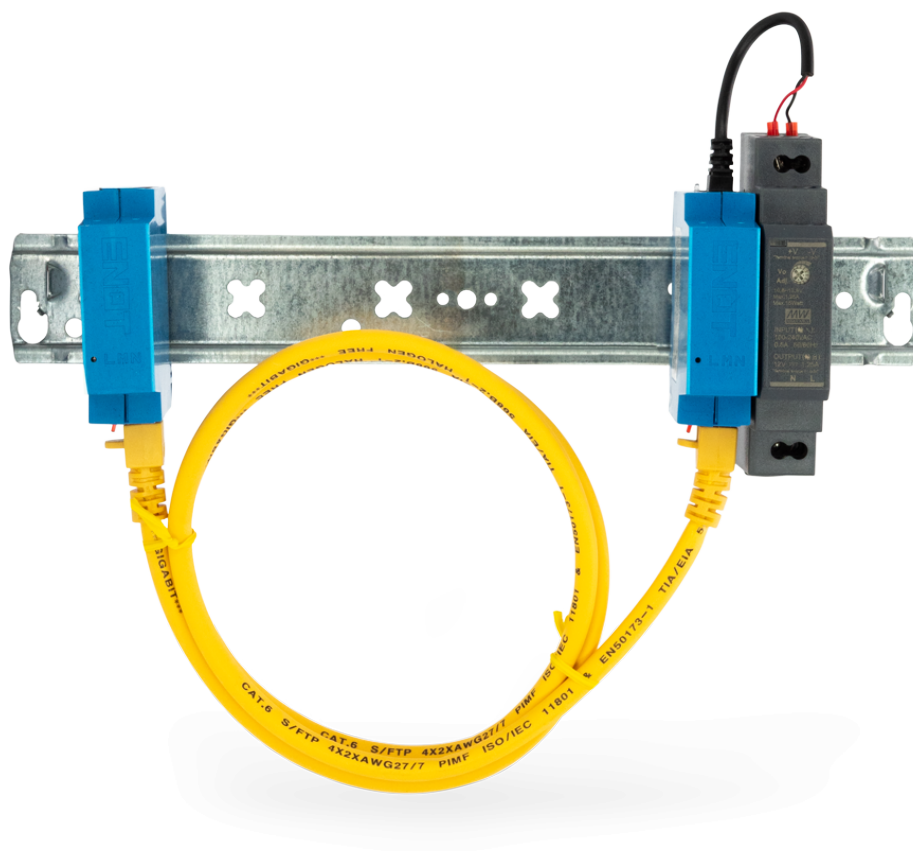


LMN RJ45 Extender Set

ENQT
EXPERTS IN NETWORK
QUALITY TESTING

TECHNICAL DATA SHEET



Do you have questions about
our products?

 +49 40 35 73 20 65

 vertrieb@enqt.de

Description:

The LMN RJ45 Extender Set allows to use standard Ethernet cables in LMN installations, enabling complex LMN networks spanning long distances. In addition, existing structured cabling can be used, especially in new buildings, thus considerably reducing the costs for LMN installations. Thanks to the integrated 3-port LMN hub, several LMN devices can be connected directly to each Extender.

The space-saving design with a width of only 18 mm (1M) allows installation even in confined spaces. Tool-free mounting and optimized cable routing (top/bottom) allow a quick and hassle-free installation. The integrated status LED provides information about the 12V supply on the LMN bus and thus enables easy fault detection.

The LMN RJ45 extender set consists of two LMN RJ45 extenders as well as a 12V DIN rail power supply unit for LMN and an LMN power supply cable. The power supply unit ensures a sufficient power supply even in installations with many LMN bus devices (e.g. meters) and/or with long RJ45 cable lengths.

Please note: The Ethernet cable shown in the photo is for illustration purposes only and is not included with the set.

Technical details:

Part number	00871
Dimensions	280 x 210 x 60 mm
Weight	400g
HS Code	85176200
Color	blue (LMN RJ45 Extender) grey (power supply unit)
Mounting type	DIN rail mounting tool-free installation and removal (LMN RJ45 Extender)
Technology	LMN (Local Metrological Network)
Product type	Set consisting of two Extenders with integrated LMN hub (passive), power supply unit, and LMN power supply cable
Number of ports	3 LMN ports (RJ12) (on top side) 1 RJ45 port (on bottom side)
Connector	RJ12, RJ45 (on Extender) Screw terminals (on power supply unit)
Maximum cable length (RJ45)	50 m (when using Cat5 cable)
Power supply	85 V to 264 V AC (power supply unit) (Feed of 12 V DC from the power supply unit into the LMN bus on the remote end of the bus)
Status indicator	Status LED (red) indicating presence of 12V power supply on LMN bus Power supply unit: Status LED

Temperature range -40 °C to +85 °C
-30 °C to +70 °C (Power supply unit)

Flammability LMN RJ45 Extender: flame-retardant in accordance with UL 94 V-0

Conformity ROHS, WEEE, CE