

DM403 – REPEATER RS485-2W



The Optral device DM403-TB1 allows the transmission and reception of data RS485-2wires over multimode optical fibre. The converter can be used as a repeater with speeds up to 115 Kbps and is fully compatible with the series DM4 and DM5.

All the models comply with the requirements according to the Electromagnetic Compatibility and Low Tension Standards (CE Marking).

FEATURES

- Multimode Optical Fibre
- Wavelength: 850nm
- Modular Units (Stand-Alone)
- Configurable for short and long distances
- Optical connectors: ST

OPERATION / TEMPERATURE / SIZE

- Temperature = 0° ÷ +50°C
- Humidity = 10% ÷ 90%
- Power:
 - 12 Vdc / 250 mA for Rack Cards
- Size
 - Type S = 105 x 95 x 32 mm

COMMUNICATION

- Data rate \leq 115 Kbs
- Bit Error Rate $\leq 10^{-9}$
- Operating mode = Asynchronous / Half Duplex
- Data connector = Screw Terminal CI (3 pin)

ACCESORIES (NOT INCLUDED)

- Modular Units (Power Supplies)
 - Type S = Model PS150

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AVAILABLE MODELS

REFERENCE	DESCRIPTION	FORMAT	NUMBER FIBRES	MAX ATTENUATION	WAVELENGTH
DM403-XB1	Repeater RS485-2W (Half-Duplex)	Caja S	4	14	850nm

⁽²⁾ Maximum attenuation at 62.5/125. For 50/125 reduce optical budget by 3dB.
Caja S = 105 x 95 x 32 mm

