

# HOMOR.M3

## E3 Optical/Electrical Converter



### ▶ Product Brief

HOMOR.M3 is an interface converter for E3 electrical and optical interface conversion. It is designed for the PDH equipment coaxial interface and optical interface interconnect.

Complete loop-back facility supported for system diagnostic and commissioning. Compact casing and simple operation achieve the cost saving and investment protected.

### ▶ Features

1. High reliability, comply to ITU-T G.703
2. Single Fiber Bi-Directional is selectable
3. State-of-the-art design, ensure normal working under different environment.
4. Supports local and remote loop-back on electrical or optical interface for system diagnostic.
5. Suitable for PDH E3 interface interconnection.
6. Simple operation and maintenance
7. Compact design and low power consumption.

## ➤ Technical Specifications

Item	Description	
Electrical Interface	Standard	ITU-T G.703 Compliant
	Data Rate	34.368 Mbps
	Line Code	HDB3
	Physical Connector	BNC Coaxial
Optical Interface	Bit rate	34.368 Mbps
	Coding	NRZ
	Connector	SC
	Light source	Laser Diode
	Wave length	1310nm (Typical), or 1550 nm (Optional) or Single Fiber Bi-Directional (Optional)
	Transmit power	-12 dBm (1310nm) / -5 dBm (1550nm)
	Receive sensitive	-36 dBm (1310nm) / -38 dBm (1550nm)
Power supply	AC 220V	Range 165V to 265 V
	DC -48V	Range -32V to -72V
	Power Consumption	≤ 3 W
Environment	Working Temperature	0°C~50°C
	Relative Humidity	≤ 90% (Non condensing)
Dimension	W×H×D(mm): 205 x 135 x 46	

## ➤ Typical Application

