

**Product:** GMM20-NNNNNNNNTV9HHS999.9.99

**Configurator:** GMM - GREYHOUND 1040 Media Module configurator



### Configurator Description

The interchangeable media modules, you can modify, expand, and update the live network, without disrupting communications.

### Technical Specifications

#### Product description

Description	GREYHOUND1042 Fast Ethernet media module
Port type and quantity	8 ports Fast Ethernet ; 2 x FE MM, ST ; 2 x FE MM, ST ; 2 x FE MM, ST ; 2 x FE MM, ST

#### Network size - length of cable

Multimode fiber (MM) 50/125 µm	port 1 and 3: 0 - 5000 m, 8 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km; port 5 and 7: 0 - 5000 m, 8 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km; port 2 and 4: 0 - 5000 m, 8 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km; port 6 and 8: 0 - 5000 m, 8 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 800 MHz x km;
Multimode fiber (MM) 62.5/125 µm	port 1 and 3: 0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km; port 5 and 7: 0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km; port 2 and 4: 0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km; port 6 and 8: 0 - 4000 m, 11 dB Link Budget at 1300 nm, A = 1 dB/km, 3 dB reserve, B = 500 MHz x km;

#### Power requirements

Operating Voltage	via switch
Power consumption	10 W
Power output in BTU (IT)/h	34

#### Ambient conditions

MTBF (Telecordia SR-332 Issue 3) @ 25°C	1 179 558 h
Operating temperature	-40-+70 °C
Note	IEC 60068-2-2 Dry Heat Test +85°C 16 Hours
Storage/transport temperature	-40-+85 °C
Relative humidity (non-condensing)	5-95 %

#### Mechanical construction

Weight	670 g
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#### Mechanical stability

IEC 60068-2-6 vibration	1 mm, 2 Hz-13.2 Hz, 90 min.; 0.7 g, 13.2 Hz-100 Hz, 90 min.; 3.5 mm, 3 Hz-9 Hz, 10 cycles, 1 octave/min.; 1 g, 9 Hz-150 Hz, 10 cycles, 1 octave/min
IEC 60068-2-27 shock	15 g, 11 ms duration, 18 shocks

#### EMC interference immunity

EN 61000-4-2 electrostatic discharge (ESD)	8 kV contact discharge, 15 kV air discharge
EN 61000-4-3 electromagnetic field	35 V/m (80-2700 MHz); 1 kHz, 80% AM
EN 61000-4-4 fast transients (burst)	4 kV power line, 4 kV data line
EN 61000-4-5 surge voltage	power line: 2 kV (line/earth), 1 kV (line/line); data line: 1 kV; IEEE1613: power line 5kV (line/earth)

EN 61000-4-6 Conducted Immunity	3 V (10 kHz-150 kHz), 10 V (150 kHz-80 MHz)
EN 61000-4-16 mains frequency voltage	30 V, 50 Hz continuous; 300 V, 50 Hz 1 s

## EMC emitted immunity

EN 55032	EN 55032 Class A
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## Approvals

Safety of industrial control equipment	EN61131, EN60950
Substation	IEC61850, IEEE1613

## Scope of delivery and accessories

Scope of delivery	Device, General safety instructions
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