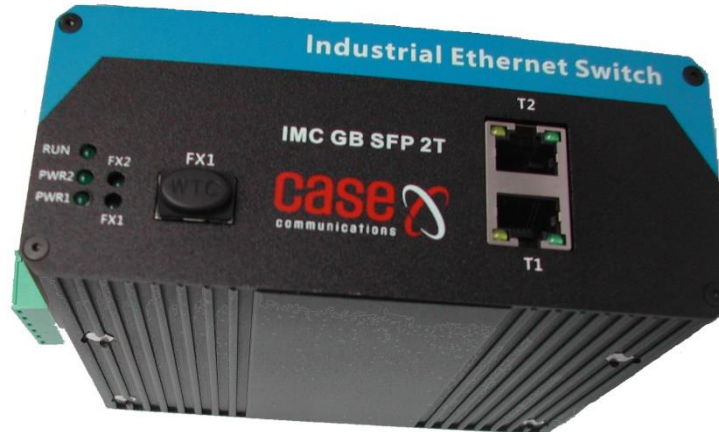


Product Family: Media Converter

Model: IMC GB SFP 2T



The IMC GB SFP 2T is an Industrial Fibre Optic to Copper media converter / switch designed for reliable use in harsh environments operating over long distances using with industrial grade SFP transceivers.



The IMC-GB-SFP-2T has dual 10/100/1000Base-TX Ethernet Ports, operating in full or half-duplex mode and supporting MDI / MDI-X and a single 1000Base FX SFP Port. The IMC-GB-SFP-2T has a metal IP40 housing and operates from -40°C to $+80^{\circ}\text{C}$, and is requires 24vdc (18vdc~36vdc)

Specifications

2 x RJ 45 ports 10/100/1000M Full Half Duplex
Auto-Connection, Full / Half Duplex or forced mode,
Supports MDI / MDI-X
Designed for Industrial Use
Store and Forward Architecture
Alarm relay output

Standards Comply:

IEEE 802.1 10Base-T
IEEE 802.3u 100Base-TX
IEEE 802.3 100BaseFX

Environmental Specifications

Operating Temperature: -40°C to $+80^{\circ}\text{C}$
Storage Temperature: -45°C to $+85^{\circ}\text{C}$
Relative Humidity: 5% to 95% (non-condensing)

Fibre Optic Port

Fibre ports: Typical 1000Base-FX
Single or Multimode via SFP
Multi-Mode: 0.5Km ~ 2Km Via SFP
Single Mode 10, 20, 60, 80, 120km via SFP
Wavelengths – 850nm / 1310nm / 1550nm
Multi-Mode: 1310nm, 2Km
average output $\geq 18\text{dBm}$ sensitivity $\geq -35\text{dBm}$
Single Mode: 1310nm, 20km
Average output $\geq 12\text{dBm}$, sensitivity $\leq 36\text{dBm}$

Power Input

Input voltage: 24vdc (18vdc~ 36vdc)
Reverse Polarity Protection
Dual Power Supply inputs.
Power Consumption: 5W @24vdc

Mechanical Dimensions

Dimensions: 60.5 x 118 x 140mm
Installation: DIN or Wall Mounting
Housing Protection: IP 40 Aluminium

Approvals

EMS:

EN 61000-4-2 (ESD), Level 3
EN 61000-4-3 (RS), Level 3
EN 61000-4-4 (EFT) Level 3
EN 61000-4-5 (Surge) Level 3
EN 61000-4-6 (CS) Level 3

EMI: FCC Part 15 SubpartB Class A,
EN 55022 Class A
Shock: IEC 60068-2-27
Free Fall: IEC 60068-2-32
Vibration: IEC 60068-2-6