



Features:

- Based on self -copyright IC
- Modular wide dynamic optical detector
- Uses standard 2 wire telephone (non-telephone handles) set as engineering order-wire hotline(optional)
- E1 interface comply with G.703, adopts digital clock recovery and smooth phase-lock technology
- When optical signal lost, it can detect the remote device is power off or fiber is disconnected, and indicates alarm by LED
- The local device can view the remote device working condition
- Provide command the remote interface Loop Back, ease line maintenance
- The transmission distance is up to 2-120Km without interruption
- AC 220V, DC-48V, DC+24V can be optional
- DC-48V/DC+24V power supply with automatic polarity detection function, when installed without distinction between positive and negative

Description:

The ITT-MU8595 provides 1-4* E1 interface , Standard 2 wire telephone as engineering order-wire (optional). It is very flexible. It has alarm function. The work is reliable, stable, and low power consumption, high integration, small size.

◆ Fiber

Multi-mode Fiber

- 50/125um, 62.5/125um,
- Maximum transmission distance: 5Km @ 62.5 / 125um single mode fiber,attenuation (3dbm/km)
- Wave Length: 820nm
- Transmitting power: 12dBm (Min) ~ -9dBm (Max)
- Receiver sensitivity: 28dBm (Min)
- Link budget: 16dBm

◆ E1 interface

- Interface Standard: comply with protocol G.703;
- Interface Rate: 2048Kbps±50ppm;
- Interface Code: HDB3;
- E1 Impedance: 75Ω (unbalance), 120Ω (balance);
- Jitter tolerance: In accord with protocol G.742 and G.823
- Allowed Attenuation: 0~6dBm

Single-mode Fiber

- 8/125um, 9/125um
- Maximum transmission distance: 40Km
- Transmission distance: 40Km @ 9 / 125um single mode fiber, attenuation (0.35dbm/km)
- Wave Length: 1310nm
- Transmitting power: 9dBm (Min) ~-8dBm (Max)
- Receiver sensitivity: 27dBm (Min)
- Link budget: 18dBm

◆ Working environment

- Working temperature: -10°C ~ 50°C
- Working Humidity: 5%~95 % (no condensation)
- Storage temperature: -40°C ~ 80°C
- Storage Humidity: 5%~95 % (no condensation)

Technical Parameters:

<ul style="list-style-type: none"> • Functional Description 	<ul style="list-style-type: none"> ➤ 4E1 PDH, ➤ order wire phone, ➤ Desk-Top Type, (Standard telephone interface, non-telephone handles)
<ul style="list-style-type: none"> • Port Description 	<ul style="list-style-type: none"> ➤ One optical port, ➤ 4 E1 interface (75/120 ohms)
<ul style="list-style-type: none"> • Power 	<ul style="list-style-type: none"> ➤ Power supply: AC180V ~ 260V; DC-48V; DC+24V ➤ Power consumption: ≤10W
<ul style="list-style-type: none"> • Dimension 	<ul style="list-style-type: none"> ➤ Product Size: Desk-Top Type 216X138X41mm(WXDXH)
<ul style="list-style-type: none"> • Weight 	<ul style="list-style-type: none"> ➤ 3KG

