



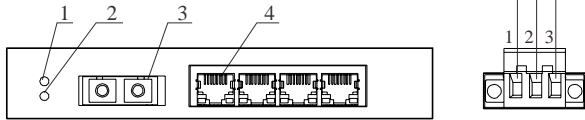
UT-2574系列 4口百兆网络光纤收发器 说明书

一、概述

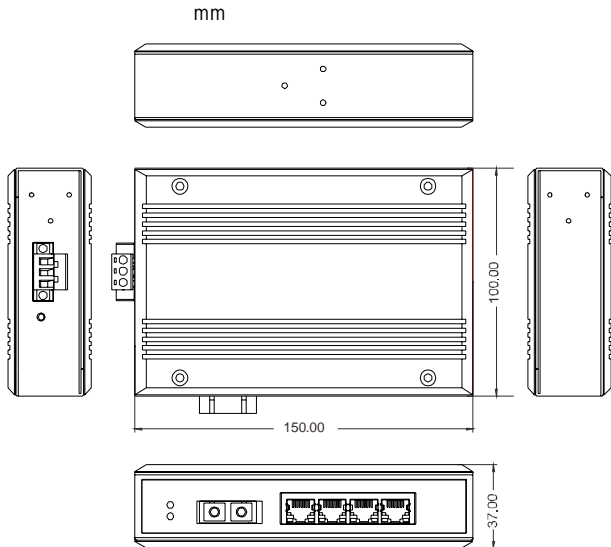
UT-2574 4 100Base-TX
1 100Base-FX
-20~75 EMC

二、面板描述

UT-2574SM-SC



\$
%
&



三、性能参数

3.1 标准
IEEE 802.3 10Base-T
IEEE 802.3u 100Base-TX 100Base-FX
3.2 接口
1 100Base-FX SC ST FC
4 10/100Base-TX / MDI/MDI-X

LED PWR FDX

3.3 纤芯直径
50/125 62.5/125
8.3/125 9/125 10/125

3.4 传输距离
100m

1310nm 20/40/60Km
1550nm 80/100/120Km
1310nm 2Km

3.5 交换性能
148810pps

MAC 1K
448Kb
1G

3.6 电源需求
12/24/48VDC(10.8~52.8VDC)
200mA@24Vmax
1 3

3.7 机械特性
IP40

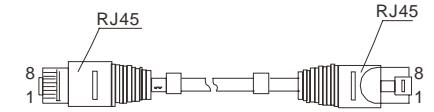
3.8 机械尺寸
150mm × 100mm × 37mm

3.9 工作环境
-20 75
-40 85
0 95%

3.10 行业标准
EMI FCC Part 15 Subpart B class A EN55022 class A
EMS
IEC(EN)61000-4-2(ESD)
IEC(EN)61000-4-3(RS)
IEC(EN)61000-4-4(EFT)
IEC(EN)61000-4-5(Surge)
IEC(EN)61000-4-6(CS)
IEC(EN)61000-4-8
IEC 60068-2-27(Shock)

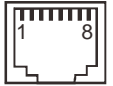
四、接口定义

4.1 10/100/1000Base-T 10/100/1000Base-T MDI/MDI-X



RJ45 MDI/MDI-X MDI PC
3 6 MDI-X 1 2
1 3 2 6 3 1 6 2 MDI/MDI-X 10/100Base-TX

| | MDI | MDI-X |
|---------|-----|-------|
| 1 | TX+ | RX+ |
| 2 | TX- | RX- |
| 3 | RX+ | TX+ |
| 6 | RX- | TX- |
| 4 5 7 8 | - | - |



4.2 100Base-FX 100Base-FX

4.2.1 (50 62.5Å m)
(9 10Å m)

4.2.2

| | | (MM) | | (SM) | | | |
|------|--------|------------|----------|------|-------|------|------|
| | | 1310 | 1310 | 1310 | 1550 | | |
| 光学特性 | (T) | nm | 1310 | 1310 | 1310 | 1490 | |
| | | nm | 1550 | 1550 | 1550 | 1550 | |
| | | (R) | nm | 1550 | 1550 | 1550 | 1550 |
| | | | nm | 1310 | 1310 | 1310 | 1490 |
| | km | 2 | 20 | 40 | 80 | | |
| | dBm | -15 -8 | -15 -8 | -5 0 | -5 30 | | |
| | dBm() | -32 | -34 | -34 | -34 | | |
| | dBm | -3 | -3 | -3 | -3 | | |
| | dBm/km | 0.5 | 0.5 | 0.3 | 0.25 | | |
| | | | SC FC ST | | | | |
| | | 10/100Mbps | | | | | |

