

# WTD RTX140-500 Datasheet



WTD RTX140-500 155M 80km 1550nm SM ESFP Optical Transceiver Module

RTXM140-500

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This RTX140-500 155M SFP transceiver modules are designed for use in 155M Ethernet links on up to 80km of single mode fiber. They are compliant with the SFP MSA, IEEE 802.3z. The optical transceiver is RoHS compliant.

## Features

- Hot-pluggable SFP form factor
- Supports 155Mb/s aggregate bit rate
- Power dissipation <1W
- Commercial case temperature range of 0°C to 70°C
- Single 3.3V power supply
- Maximum link length of 80km on Single Mode Fiber (SMF)
- 155M NRZ -based CWDM transmitter
- 155M NRZ retimed electrical interface
- Duplex LC receptacles
- I2C management interface
- RoHS compliant

## Applications

- SDH/OTN

## Specifications

- Data Rate: 155Mb/s
- Distance: 80km
- Case Temperature: 0~70°C
- Voltage Supply: 3.3V
- Wavelength: 1550nm
- Connector: Duplex LC
- Power consumption ( Max): 1W

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