The DM7057 copper transceiver module is a high performance integrated duplex data link for bi-directional communication over copper cable. It is specifically designed for high speed communication links that require 2.5/5 Gb/s over Cat 5e cable. This is the first SFP+ transceiver that offers 2.5/5 Gb/s communication over this type of media.

Features

- Supports Links up to 100m using Cat 5e Cable
- SFF-8431 and SFF-8432 MSA Compliant
- MGBase-T Compliant
- Low Power Consumption (2.5W MAX, 70m @ 5G) (2.2W MAX, 100m @ 2.5G)
- Fast Retrain EMI Cancellation Algorithm
- Low EMI Emissions
- I2C 2-Wire Interface for Serial ID and PHY Register Access
- Supports 100/1000Base-T up to 100m using Cat 5e cable or better
- MDI/MDIX Crossover
- Multiple Loopback Modes for Testing and Troubleshooting
- Built-in Cable Monitoring and Link Diagnostic Features
  - Cable Length Measurements
  - Opens/Shorts
- Robust Die Cast Housing
- Bail Latch Style ejector mechanism
- Unshielded and Shielded cable support
For ordering or technical information send email to

mailto:infodatamate@methode.com