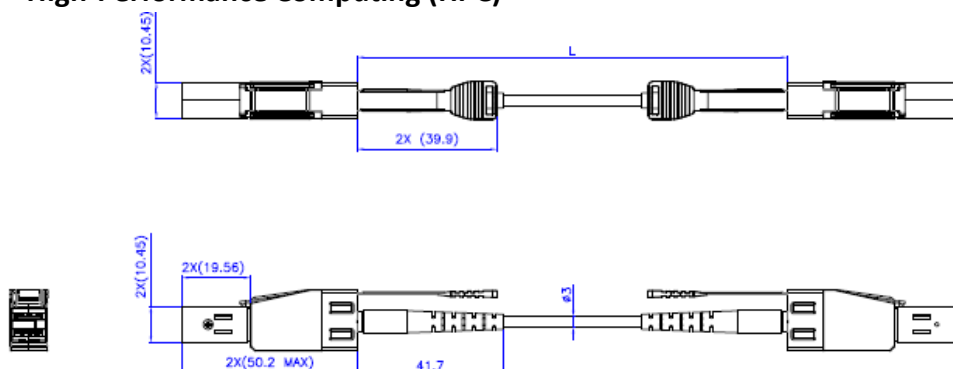# Mini-SAS HD Active Optical Cable

## Descriptions:

- Compliant to SAS-3 of 12-Gbps lane speed
- Backwards compatible to 6-Gbps SAS-2.1 of optical module capable systems
- 4Tx/Rx, Full-Duplex AOCs, maximum aggregate speed of 48-Gbps
- BER better than $10^{-12}$
- Link length up to 30-m via MMF
- Round cable with small 3.0-mm outer diameter for flexible routing and easy cable management
- Connector compliant to SFF-8644
- Management interface compliant to SFF-8636
- Out-of-Band (OOB) Signal Support

## Applications:

- Storage, Switch, & Server Systems
- Workstations
- High-Performance Computing (HPC)

## Product Selections:

| P/N | Data Rate (Gbps) | TX | RX | Reach | Temperature (deg C) | Description |
|-----|------------------|-----|-----|-------|---------------------|-------------|
| C04012MSBLxxx | 48 | 850nm VCSEL | PIN | 100 m | 0~70 | Mini-SAS HD AOC |

Note : xxx indicates fiber length

**HWACOM SYSTEMS, INC**

12F., No.108, Sec. 1, Hsin-Tai-Wu Rd., Hsi-Chih District New Taipei City 221, Taiwan
TEL:886-2-2696-7155   FAX : 886-2-2696-7202