

# CFP2-ACO HCB

## Marketing Datasheet

### ML4028-ACO

#### Break-Out module

(4x32G) Interconnects



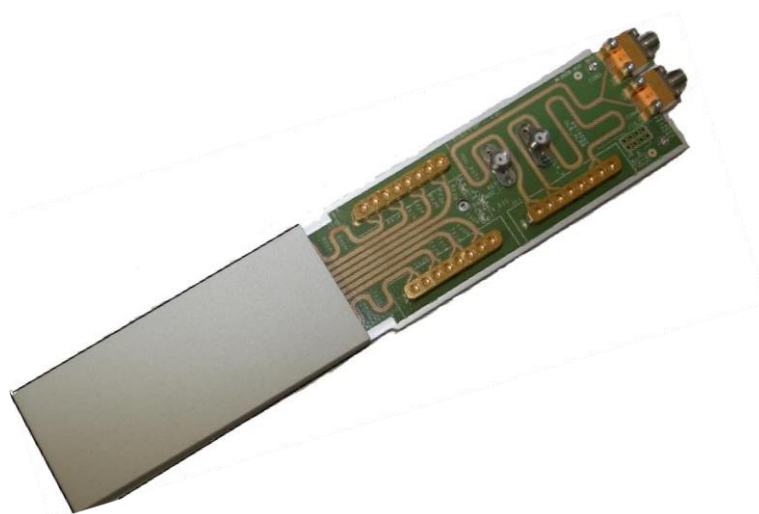
#### Ordering information

ML4028-ACO-MXP  
ML4028-ACO-MSMPM  
SMPM cables

### ML2028-ACO

#### Break-Out module

(4x32G) Interconnects



#### Ordering information

ML2028-ACO-MXP  
ML2028-ACO-MSMPM  
SMPM cables

#### Key Features

- High Performance signal integrity traces
- CFP2 MSA Form Factor
- Low Insertion Loss Rogers 3003 based material
- LEDs show MOD\_RSTn , MOD\_LOPWR and TX\_DIS signals status
- Supports 4x32G TX & RX Lanes
- High speed signals accessible through 2 Huber+Suhner MXP or MSMPM Connector rows
- All TX channels comes with matching trace length
- All RX channels comes with matching trace length
- Trace length 4486 mil
- OSP finish
- Reference clock accessible via SMA connector
- Optional external MDIO, port address and global alarm trough pin header.

## Superior signal Integrity and Performance

### Summary

**CFP2 Development Kit** Break-Out Module **ML4028-ACO** and **ML2028-ACO**, are designed to provide an efficient and easy method to test and characterize line cards with 4x32G CFP2 ports.

The **ML4028-ACO** and **ML2028-ACO** simply plug into a CFP2 slot and provide access to RX and TX ports through high performance signal integrity breakout path.

They come with:

- 2 Huber Suhner MXP 1x8 coaxial PCB connectors (1x8A\_81\_MXP-S50-0-1/111\_N)



Or

- 2 ML 40GHz multi-SMPM connectors



The Ref CLK output is connected to SMA connector 3869ES502SS005B

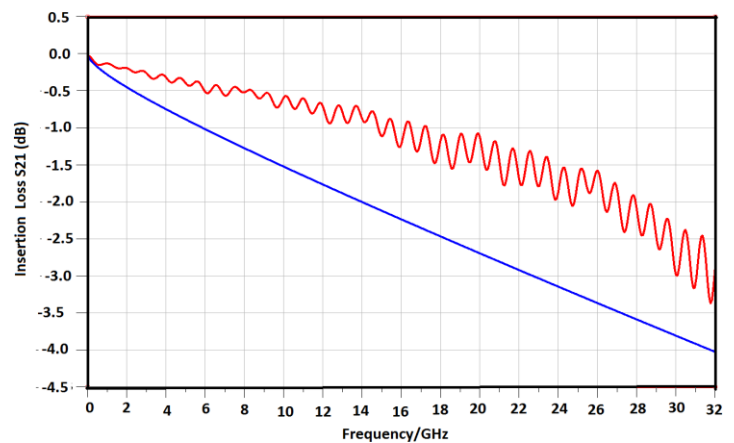


## Applications

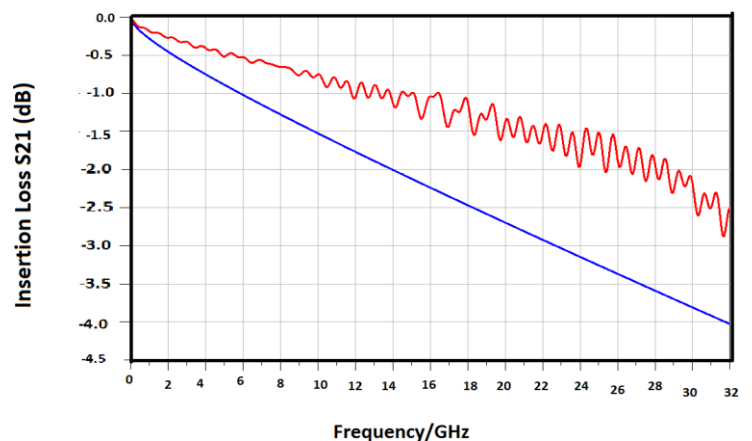
- System Characterization
- Signal Integrity analysis
- CFP2-ACO Line Card and Port Characterization

## Compliant with CEI-28G-VSR HCB IL characteristics

### - ML4028-ACO



### - ML2028-ACO



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