

## QSFP-DD Product Line-Up

### CN174 Series Connector & Accessories

#### Product Features:

- Supports signals:
  - 56Gbps-PAM4 for 400G Technology
  - Next Gen. 112Gbps-PAM4 for 800G
- Current capacity = 2.25A/per line and supports high-power modules greater than 25W
- 1x1 ~ 1x6 and 2x1 configurations available
- QSFP-DD MSA Compliant



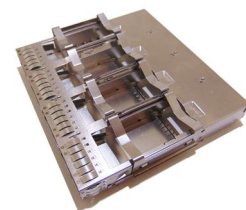
**CN174S-076-0001**  
**QSFP-DD Host Connector**

### QSFP-DD Product Components Index

Product	Part Number	Description
Host Connector	CN174S-076-0001	Single Port SMT
Host Cage	CN174C-1001-03	Host 1x1 Port Cage
	CN174C-2001-01	Host 1x2 Port Cage
	CN174C-3001-01	Host 1x3 Port Cage
	CN174C-4001-02	Host 1x4 Port Cage
	CN174C-6001-01	Host 1x6 Port Cage
Heat Sink Clip	CN174M-076-0007	1x1 Cage Heat Sink Clip (Side Hook clip)
	CN174M-076-0009	1x2 Cage Heat Sink Clip (Side Hook clip)
	CN174M-076-0005	1x3 Cage Heat Sink Clip (Side Hook clip)
	CN174M-076-0006	1x4 Cage Heat Sink Clip (Side Hook clip)
	CN174M-076-0008	1x6 Cage Heat Sink Clip (Side Hook clip)
Heat Sink	CN174F-076-0006	Front-Back Fin Heat Sink (pair with 1xN cages)
	CN174F-076-0007	Front-Back Fin Heat Sink (pair with 1x1 cage)
	CN174F-076-0009	Pin Fin Heat Sink (pair with 1x1 cage)
Cage Assembly	CN174A-076-0004	1x1 Cage Assembly (with Front-Back Fin Heat Sink)
	CN174A-076-0005	1x1 Cage Assembly (with Pin Fin Heat Sink)
	CN174D-1002-04	2x1 Port Assembly (with F-to-B Fin HS)



**CN174D-1002-04**



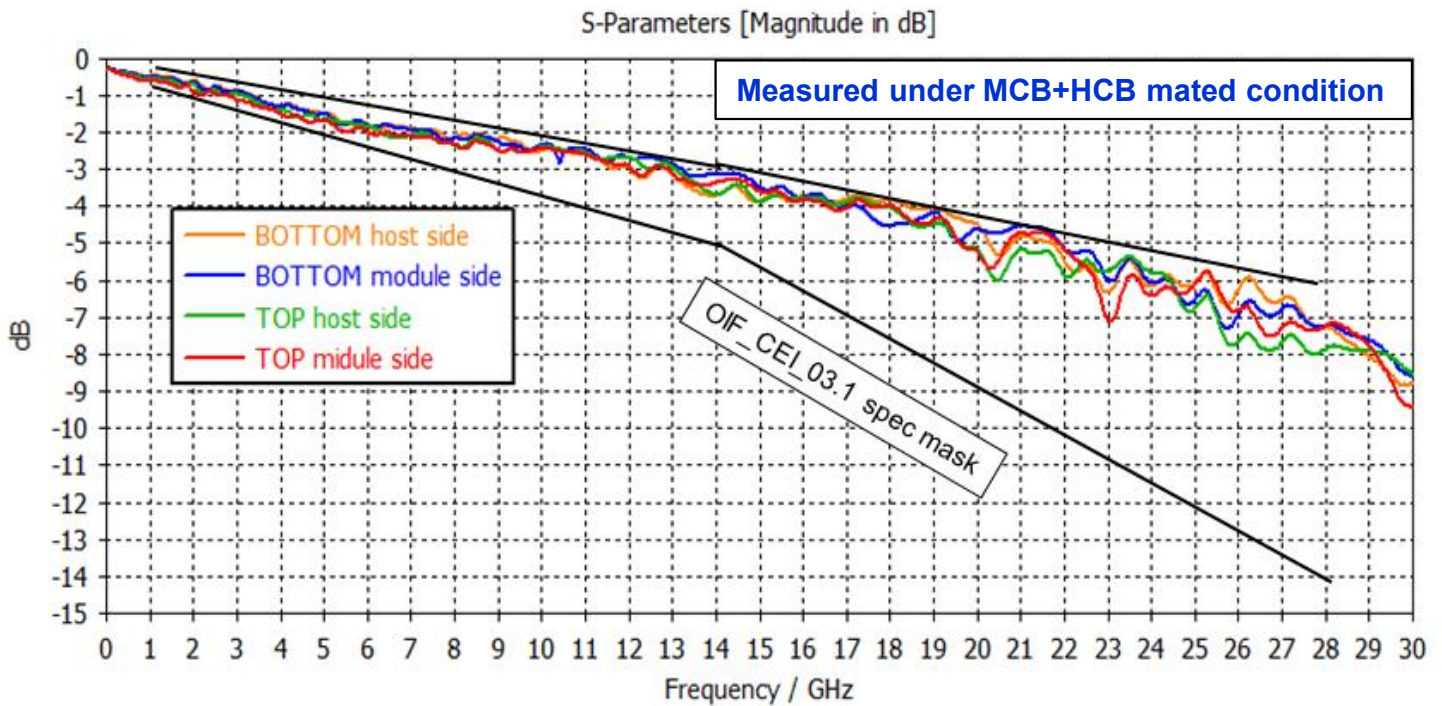
**CN174C-4001-02**  
 &  
**CN174M-076-0006**



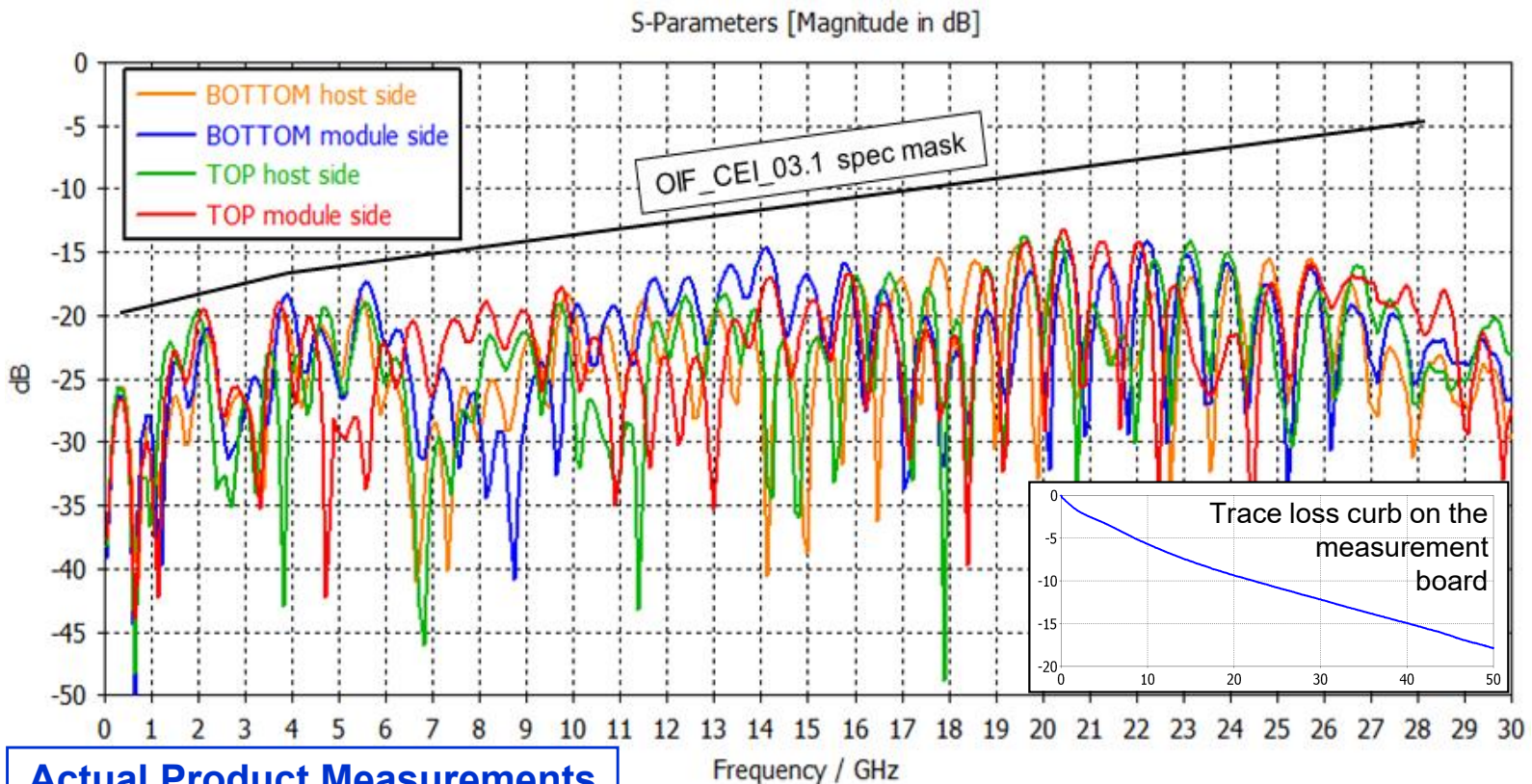
**CN174C-3001-01**

## QSFP-DD Solution

### Insertion Loss Measurements for 1x1 QSFP-DD



### Return Loss Measurements for 1x1 QSFP-DD



Actual Product Measurements