

# 112G Datacom ISI Board

## IEEE 802.3ck

## OIF CEI-112G-VSR

### FEATURES

- **Supports IEEE 802.3ck, bs & cd Specifications**
- **Supports OIF CEI-112G-VSR-PAM4 CEI-56G-VSR-NRZ Specifications**

### AVAILABLE CONFIGURATIONS

- **112G using 1.85mm RF Connectors**
- **112G using 2.4mm RF Connectors**

Channel calibration and stress testing for C2M (Chip-to-Module) and C2C (Chip-to-Chip) high speed electrical interfaces is ever more important as we reach for higher data rates.

Wilder Technologies 112G (56Gbaud) ISI – Intersymbol Interference loss modeling board provides 9-channel spread above and below the specification mean and is optimal for adding channel stress and signal calibration for IEEE 802.3ck channel testing.

Whether calibrating your channel or stress testing your DUT, Wilder's Datacom 112G ISI board will suit your needs.

- Emulate channel loss for receiver testing
- Controlled laminate and layout techniques
- User adjustable position within frame
- Access for proper application of torque to mated RF connectors
- Unique and specific ISI profile provided with each board



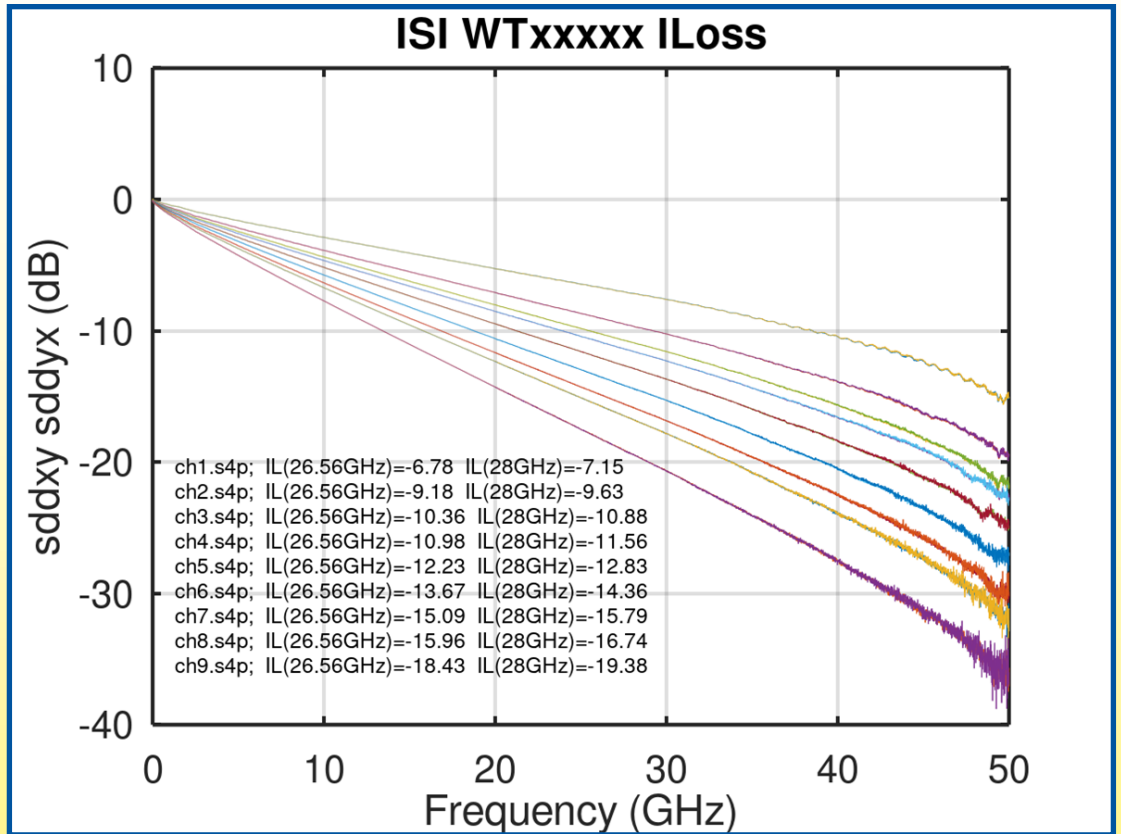
### Included

- **Protective Case**

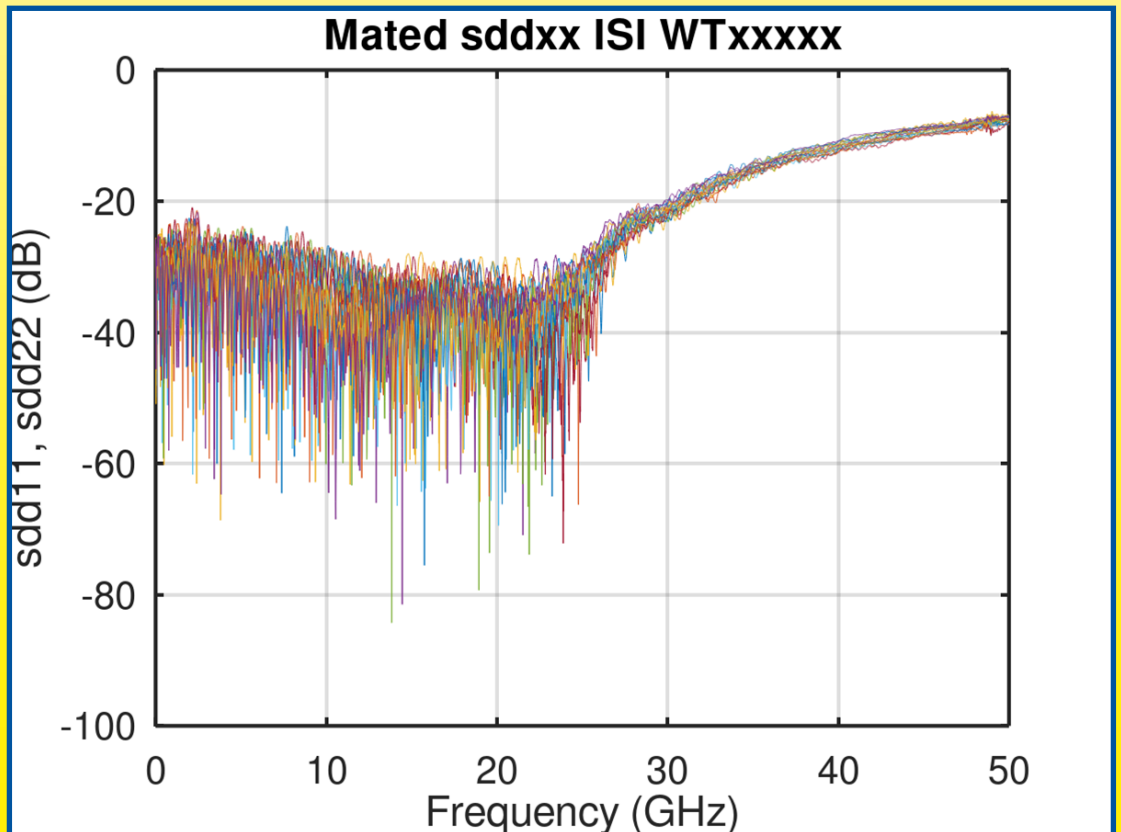
**Wilder Technologies 112G Datacom ISI in 60° Position**



### Insertion Loss of ISI Channels



### Return Loss of ISI Channels



## Available Part Numbers

### Configurations

**1.85mm & 2.4mm  
Female Upper  
Male Lower  
Wilder TPA  
Direct Attach—  
18M18F**

**1.85mm & 2.4mm  
All Female**

Wilder PN	Model	Description
640-1072-000	DCOM-ISI-112G-9CH-18M18F-1.85	Datacom ISI 112G 9-Channel Board, 1.85mm, Upper Female, Lower Male (Wilder TPA Direct Attach)
640-1073-000	DCOM-ISI-112G-9CH-36F-1.85	Datacom ISI 112G 9-Channel Board, All 1.85mm Female
640-1074-000	DCOM-ISI-112G-9CH-18M18F-2.4	Datacom ISI 112G 9-Channel Board, 2.4mm, Upper Female, Lower Male (Wilder TPA Direct Attach)
640-1075-000	DCOM-ISI-112G-9CH-36F-2.4	Datacom ISI 112G 9-Channel Board, All 2.4mm Female

## User Adjustable Configurations



## Recommended Accessories

Wilder PN	Model	Description
415-0128-002	INST-CBL-1.85M-1.85M-300-1PR	Cable Set, Instrument, Matched-Pair 1.85mm Male to 1.85mm Male, Length 300mm
415-0128-102	INST-CBL-1.85M-1.85M-600-1PR	Cable Set, Instrument, Matched-Pair 1.85mm Male to 1.85mm Male, Length 600mm
415-0128-202	INST-CBL-1.85M-1.85M-900-1PR	Cable Set, Instrument, Matched-Pair 1.85mm Male to 1.85mm Male, Length 900mm



## WILDER TECHNOLOGIES PRODUCT LIST

Look to Wilder Technologies for your interconnect validation, compliance and certification requirements.

***"It's all about integrity"***

***A Global Leader*** — Providing evaluation and test vehicles for today's and tomorrow's interconnect technology.

***Signal Integrity*** — High Speed, Low Noise, Ultra-low Insertion and Return Loss.

See what's being tested not the test equipment.

***Optimized Signal Path*** — We provide the cleanest possible conduit to provide you with the cleanest possible signal.

For more product details, visit [www.wilder-tech.com](http://www.wilder-tech.com)



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