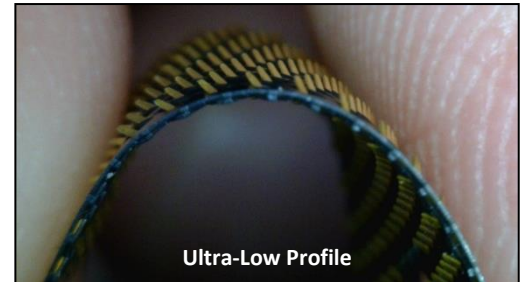


## Y-Beam™ Technology for High Speed High Speed, Ultra-Low-Profile Connectors

### OVERVIEW

Neoconix's Y-Beam™ technology is a new extension of PCBeam™ technology that was specifically developed for ultra-high-speed (56-112Gbps) and ultra-low-profile (0.44mm & 0.54mm) applications. Leveraging nearly all of the same customization options as Neoconix's PCBeam™ technology, the Y-Beam™ offerings are available with extensive customizability and low NRE. Implementations can include onboard optical modules, high speed flex-to-board connections, and other interconnects requiring high speed, high power, and an ultra-low profile.



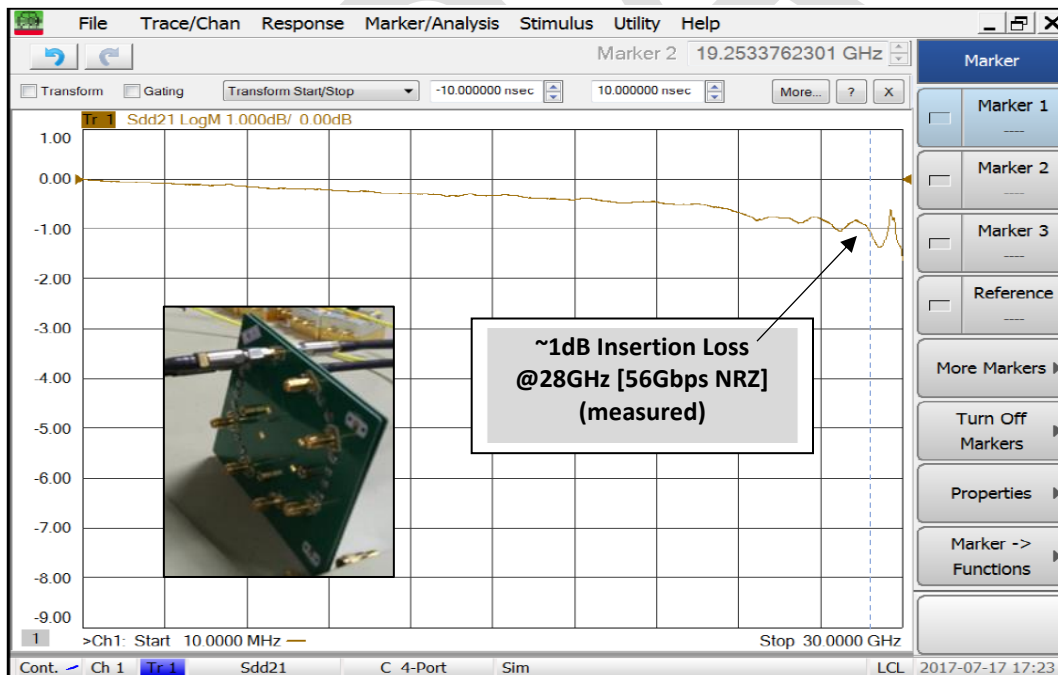
### FEATURES

- High speed to 112Gbps
- Standard pitch 1.00mm x 1.00mm, 0.8mm x 1.27mm & 1.27 x 1.27mm pitch, with additional customization possible
- Ultra-low-profile mated thickness of 0.44mm & 0.54mm
- Extensive customization in size, footprint, pitch, and pin count
- Current capacity to 1.5A per position
- Quick turn options available with customization
- Compliant with ROHS 2011/65/EU and IPC-4101B (halogen-free)



Example: 176 Position

### SIGNAL INTEGRITY



### FOR MORE INFORMATION

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