

QSFP+ to 4X SFP+ PASSIVE COPPER CABLE ASSEMBLIES

OVERVIEW

ConnPro High Speed QSFP+ to SFP+ Direct Attach Copper Cable Assemblies are designed for data centers, networking and HPC (High Performance Computing) applications. Conforming to SFF-8436 and SFF-8431 ConnPro High Speed provides high quality and cost effective solution to the high-density network switching cross-connections of your data centers.



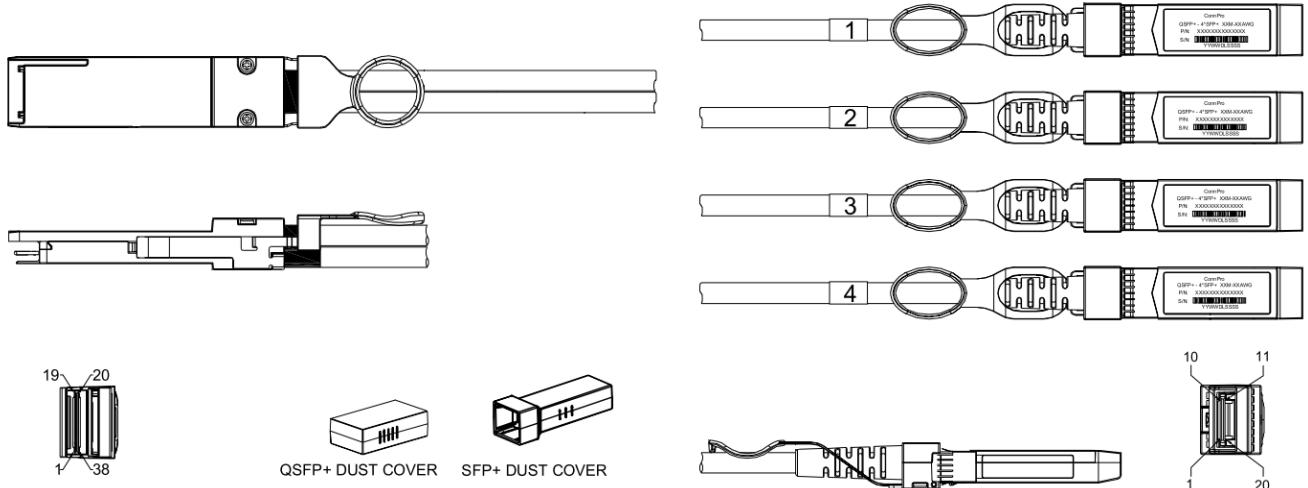
FEATURES

- SFF-8436 QSFP+ interface compliant product.
- SFF-8431 SFP+ interface compliant product.
- SFF-8432 SFP+ mechanical interface
- IEEE 802.3 40GBase - CR4 Gigabit-Ethernet standard
- InfiniBand Architecture DDR & QDR
- Fully Compliant to INF 8074i MSA EEPROM for signature and system communications
- Broadband Twin coaxial pairs support serial data rate up to 11Gbps
- Low power consumption, Low transmission latency, Low cross-talk & Low skew
- Pull to release latch enable a easy cable installation and hot plug
- S/R design ensures a reliable performance when cable is bended
- RoHS compliant, 100% factory independently tested, anti-static package
- Highly cost-effective alternative to optical interface in short reach

APPLICATIONS

- Network data transmission: Servers, Switches, Routers & Hubs
- Network or External storage systems for data center
- Network interface cards (NIC's) & Telecommunication equipments
- 10 Gigabit Ethernet and Gigabit Ethernet
- Fiber Channel over Ethernet
- InfiniBand Standards SDR, DDR, QDR
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CABLE ASSEMBLY SPECIFICATIONS



DESCRIPTIONS

Cable	2 Pairs twin coaxial cable, 100ohm , PVC Black , UL Approved
Shell	Zinc Diecast with Ni Plated
PCB	FR4, 30inch Au plated contact pads
EEPROM	2-wire serial I2C interface
Operating Temperature	0°C ~ 70°C
Operating Voltage	3.3 V
Retention Force	90N Max
Durability	50 cycle Min
Available Length	1, 2, 3, 4, 5, Meter

PART NUMBERS

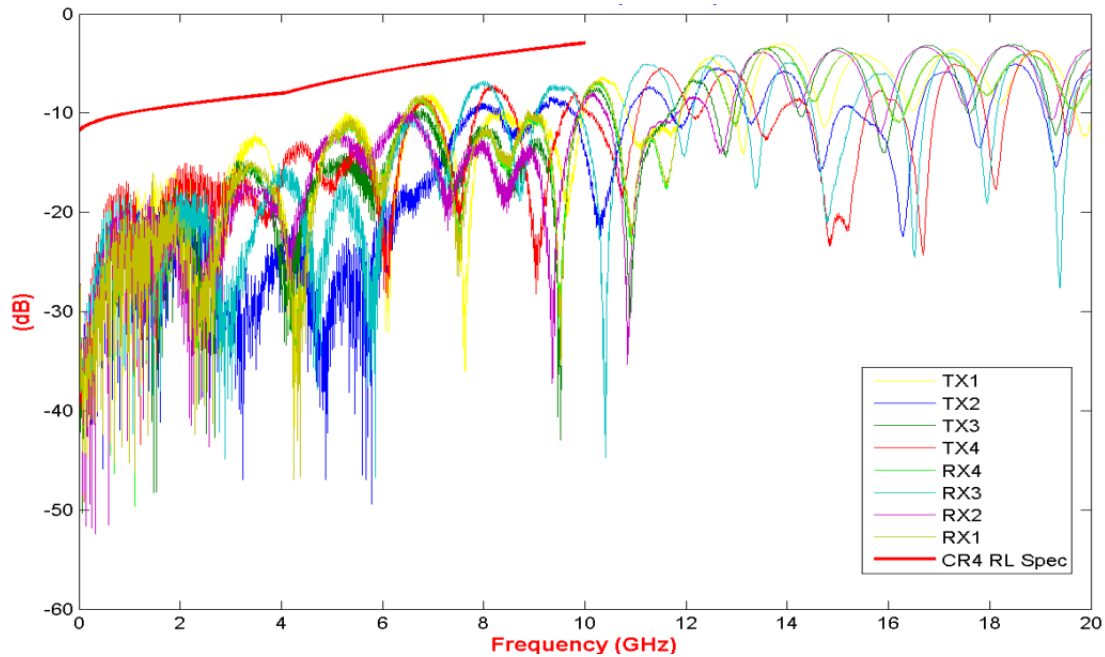
RE2F4TF2410001	QSFP+ to SFP+ Passive cable assembly , L = 1000 ±30 mm
RE2F4TF2420001	QSFP+ to SFP+ Passive cable assembly , L = 2000 ±40 mm
RE2F4TF2430001	QSFP+ to SFP+ Passive cable assembly , L = 3000 ±50 mm
RE2F4TF2440001	QSFP+ to SFP+ Passive cable assembly , L = 4000 ±60 mm
RE2F4TF2450001	QSFP+ to SFP+ Passive cable assembly , L = 5000 ±70 mm

ELECTRICAL SPECIFICATIONS

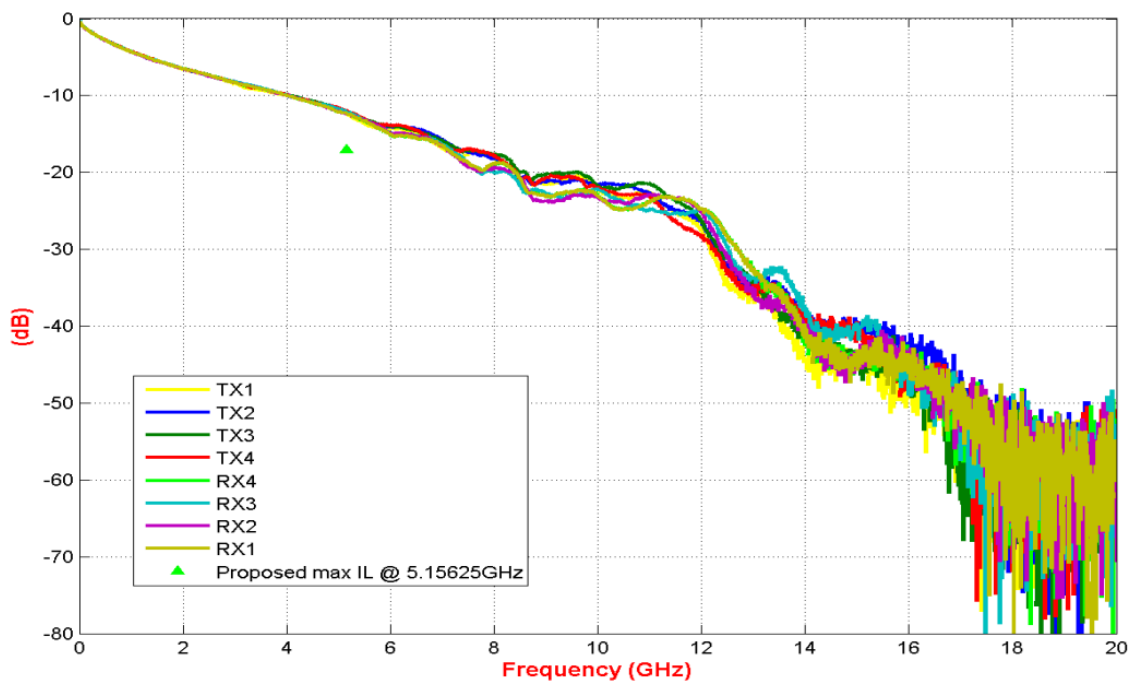
Differential Impedance: 100 ohm

IEEE 802.3 40G Base - CR4 Application

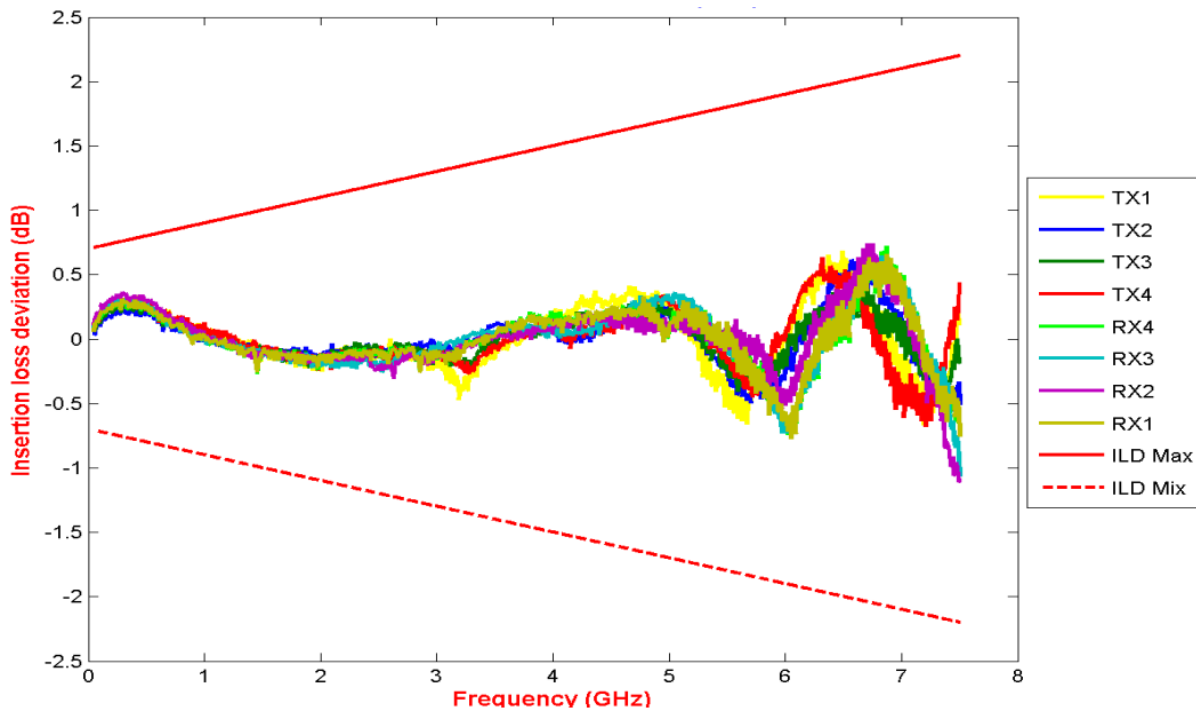
Differential Mode Return Loss (SDD11) - 3 Meter - 28AWG



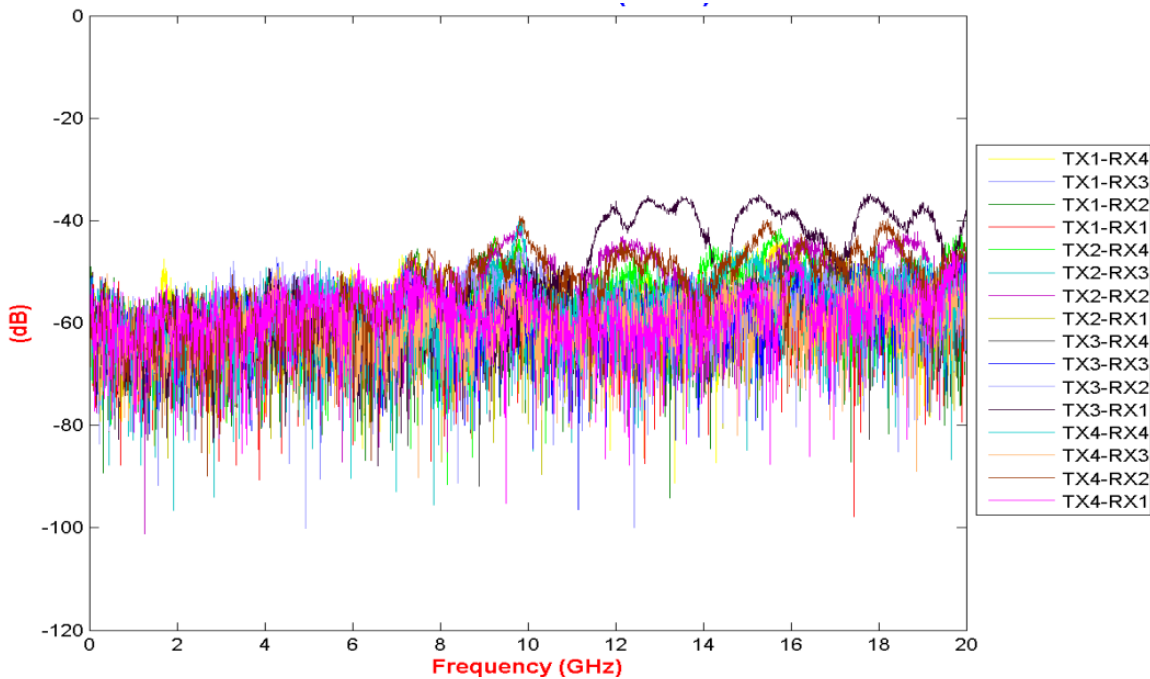
Differential Mode Insertion Loss (SDD21) - 3 Meter - 28AWG



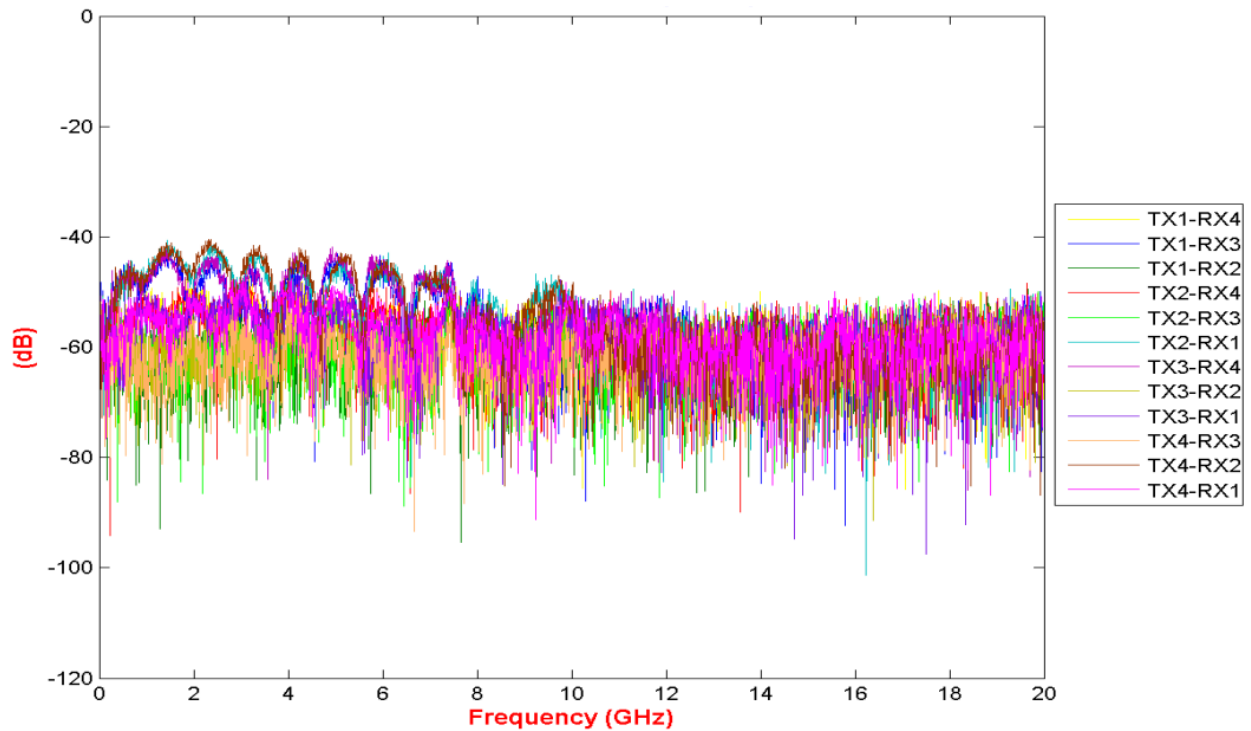
Insertion Loss Deviation - 3 Meter - 28AWG



NEXT - 3 Meter - 28AWG



FEXT - 3 Meter - 28AWG



Integrated Crosstalk Noise (ICN) - 3 Meter - 28AWG

