

High Data Rate Cable

Description

We provide high performance wire and cable products. SFP+ and QSFP cable provides superior signal fidelity over long distances, conforms to the electrical, mechanical and physical specification and standards established for interconnect in the InfiniBand I/O architecture.



Features

Wrap low density PTFE as insulation material which has low dielectric constant about 1.4, these cable have low time delay (V_p 85%). Same size center conductor, the insulation diameter is smaller because of the low dielectric constant

LD PTFE Insulation Diameter

Conductor Size	AWG32	AWG30	AWG28	AWG26	AWG24
LDPTFE	0.53mm	0.65mm	0.82mm	1.05mm	1.35mm
Skin-Foam-Skin	0.61mm	0.75mm	0.92mm	1.14mm	1.44mm

LD PTFE QSFP Finished Diameter

Conductor Size	AWG32	AWG30	AWG28	AWG26	AWG24
LDPTFE	5.4mm	6.3mm	6.8mm	7.6mm	9.2mm
Skin-Foam-Skin	5.6mm	6.6mm	7.5mm	8.8mm	9.8mm

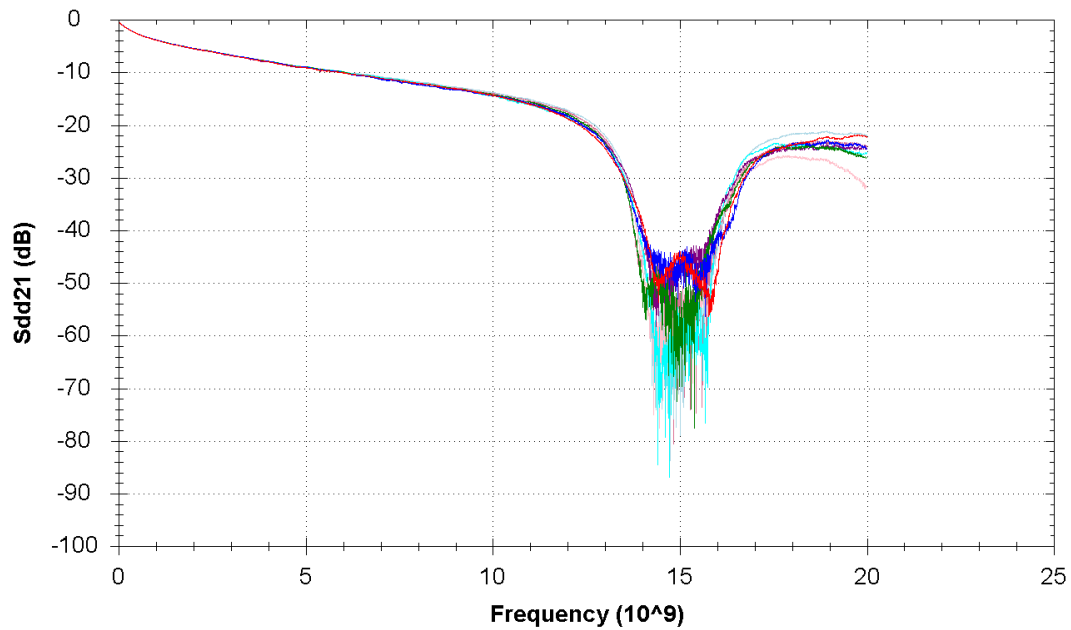
Advantages:

- The gap of insertion loss between the low frequency and high frequency is smaller because of low dielectric constant
- Installation space saving
- Weight saving about 25%
- Softer and Smaller Min Bend Rad.
- Unique wrapping skill to make sure the 8 pairs with the highest consistency, the gap of insertion between the worst pair and the best is not less than 0.4dB/m @10Ghz



High Data Rate Cable

Cable QSFP 24AWG 4X 5meters Insertion loss Traces



Quality assurance

- 1 Each lot will have test report, including physical and electrical checking
- 2 We can provide S4p data for each lot raw cable if customer need