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General Interconnect

General Interconnect Low Loss Cables

General Interconnect SHF cable range defines all standard SHF cable electrical lines and performance. The range of cables covers the upper limit of the diameters for very low loss cables in this class. SHF cables are dedicated to all applications where minimal electrical loss is vital, as well as having a high level of phase stability in a broad temperature range.

Today SHF cables meet the highest performances in low loss

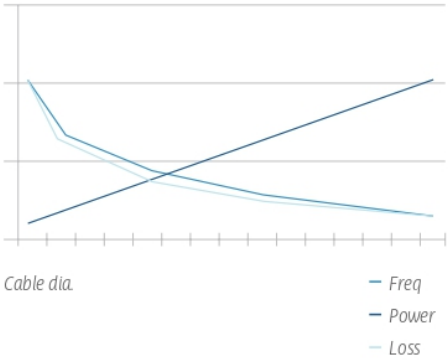
- *DC – 9.5 GHz SHF13 0.33dB/m – 10.00 dB/100ft*
- *DC – 18 GHz SHF8M 0.68dB/m – 20.92 dB/100ft*
- *DC – 26.5 GHz SHF5M 1.27dB/m – 38.56 dB/100ft*
- *DC – 32 GHz SHF4.6M 1.68 dB/m – 51.00 dB/100ft*
- *DC – 40 GHz SHF4M 2.05dB/m – 62.00 dB/100ft*

Cable Selection

The cable diameter selection (between 2.4mm and 13mm) is a balance between various parameters. Cable diameter affects:

- *Frequency band*
- *Attenuation*
- *Power handling*
- *Weight*
- *Flexibility*

Electrical parameters vs. Cable dimension



Plot no. 845, DSIIDC Industrial Area KHASRA NO. 33/23 (0-7) & 37/4 (0-10)Gali no. 6, near Harnandi dharam kanta Mundka Industrial Area, New Delhi, Delhi, 110041