SAS Slimline Twinax Cable
Up to 24 Gb/s
Driving Your Next Generation Data Center
SFF-8654

SAS Slimline Twinax Cable - Up to 24 Gb/s

10Gtek Internal SAS Slimline Twinax Cable (SFF-8654) is the new generation SAS high-density high-speed I/O interface and cable assembly, which supports data rate up to 24 Gb/s and adopts flexible internal flat cable. This interface SFF-8654 is employed for the SAS standard, up to SAS 4.0. This product effectively releases the bottleneck of I/O channel and meets direct attached storage and storage area network high performance requirements.

In today's data center, high density is a main application, requiring flexibility and reliability. 10Gtek's internal SAS slimline cable is about to resolve this problem. Owning the unique ribbon construction and flexible twin axial line, 10Gtek's internal SAS slimline cable is capable of bending and folding easily, even into 180 degrees. It provides more freedom for devices to connect and easy routing of cables. Moreover, this slimline cable can bundle multiple folded cable assemblies into a harness, which helps to maximize space utilization, as well as maximize system and device's density. And all this happens under maintaining excellent signal integrity.

10Gtek's internal SAS slimline cable has lower profile than conventional AWG twin axial cables, which allows for a wider range of routing options and extremely tight bend radii for unique packaging configurations. Each fold impacts impedance by no more than one to two ohms, well within the most demanding impedance specifications. Similarly, S-parameter performance metrics are not degraded, even with multiple folds.

Application :

- SAS
- Direct-attached storage (DAS)
- Storage Area Network (SAN)
- Servers
- Data Storage

Ordering Information

Part Number	Description	Lane	Length	AWG
CAB-8654/8654-X8-P50CM	SFF-8654 24G x8 SAS slimline cable, straight to straight	x 8	0.5M	30
CAB-8654/8654-X8-P80CM			0.8M	30
CAB-8654/8654-X8-P1M			1 M	30
CAB-8654/8654A-X8-P50CM	SFF-8654 24G x8 SAS slimline cable, straight to right angle	x 8	0.5M	30
CAB-8654/8654A-X8-P80CM			0.8M	30
CAB-8654/8654A-X8-P1M			1 M	30

More Options - Hybrid Cables

Part Number	Description	Length	AWG
CAB-8654/2HD-P50CM	SFF-8654 to 2x SFF-8643 internal cable	0.5M	30
CAB-8654/2HD-P80CM		0.8M	30
CAB-8654/2HD-P1M		1 M	30
CAB-8654/2Q10-P50CM	SFF-8654 to 2x QSFP+ cable	0.5M	30
CAB-8654/2Q10-P80CM		0.8M	30
CAB-8654/2Q10-P1M		1 M	30

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