

## SPECIFICATION SHEET



### **QSFP+/QSFP+ 56G Infiniband Cable**

- Assembled with premium 100Ohm 30AWG or 28AWG cable
- Support for Infiniband, FDR/QDR/DDR/SDR applications
- Low power consumption and low crosstalk
- RoHS compliant
- TAA compliant
- Lifetime warranty

## Specifications: QSFP+/QSFP+ 56G Infiniband Cable

### Electrical characteristics:

28AWG cable:		30AWG cable:	
Differential impedance:	100 ± 5Ω	Differential impedance:	100 ± 5Ω
Mutual capacitance:	14pF/ft nominal	Mutual capacitance:	14pF/ft nominal
Time delay:	1.35ns/ft nominal	Time delay:	1.35ns/ft nominal
Time delay skew (within pairs):	55ps/7m maximum	Time delay skew (within pairs):	50ps/5.5m maximum
Time delay skew (between pairs):	300ps/7m maximum	Time delay skew (between pairs):	350ps/5.5m maximum
Attenuation:	13.2dB @ 2.5GHz	Attenuation:	12.8dB @ 2.5GHz
Conductor DC Resistance:	0.06Ω/ft nominal @ 20°C	Conductor DC Resistance:	0.10Ω/ft nominal @ 20°C

### Physical specifications:

28AWG cable:		30AWG cable:	
Conductors (eight pair):	28AWG Solid Silver plated copper	Conductors (eight pair):	30AWG Solid Silver plated copper
Insulation:	Foam polyolefin	Insulation:	Foam polyolefin
Pair drain wire:	30AWG Solid Tin plated copper	Pair drain wire:	30AWG Solid Tin plated copper
Pair shield:	Aluminum polyester tape 125% coverage	Pair shield:	Aluminum polyester tape 125% coverage
Overall cable shield:	Aluminum polyester tape 125% coverage Tin plated copper braid 38AWG, 85% coverage	Overall cable shield:	Aluminum polyester tape 125% coverage Tin plated copper braid 38AWG, 85% coverage
Outer diameter:	0.295in	Outer diameter:	0.245in

### Connector specifications:

Connector type:	SFF-8436
Hood material:	Die cast zinc Nickel plated
Contact plating:	30μ gold plated

Part Number	Description	AWG	Weight
06167	1m QSFP+/QSFP+ 56G Infiniband Cable	30	0.27
06168	2m QSFP+/QSFP+ 56G Infiniband Cable	30	0.38
06169	3m QSFP+/QSFP+ 56G Infiniband Cable	28	0.64



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