



**Part Number :** [2216330250](#)

**Product Description :** MicroBeam Right-Angle-to-MicroBeam Right-Angle Cable Assembly, Flip Latch, 16 Differential Pair, 31 AWG, 250.00mm Length

**Series Number :** 221633

**Status :** Active

**Product Category :** High-Speed I/O Cable Assemblies



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## Documents & Resources

### Drawings

[2216330250 sd.pdf](#)

### Specifications

[2190300002-AS.pdf](#)

[2190300001-PS.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Reviewed
China RoHS	Not Reviewed
EU ELV	Not Reviewed
Low-Halogen Status	Not Reviewed
REACH SVHC	Not Reviewed
EU RoHS	Not Reviewed

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474

- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	High-Speed I/O Cable Assemblies
Series	221633
Description	MicroBeam Right-Angle-to-MicroBeam Right-Angle Cable Assembly, Flip Latch, 16 Differential Pair, 31 AWG, 250.00mm Length
Assembly Configuration	Dual Ended Connectors
Connector to Connector	MicroBeam-to-MicroBeam
Product Name	MicroBeam
Type	Internal
UPC	196823280528

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	0.75A
Data Rate	112 Gbps (PAM-4)
Voltage - Maximum	29.9V AC RMS

### Physical

Cable Bundling	None
Cable Length	250.00mm
Circuits (Loaded)	32
Circuits (maximum)	32
Color - Resin	Black

Durability (mating cycles max)	100
Flammability	94V-0
Gender	Plug/Plug
Lock to Mating Part	Yes
Material - Metal	High Performance Copper Alloy
Material - Plating Mating	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	16.948/g
Number of Pairs	16
Number of Rows	4
Orientation	Right-Angle-to-Right-Angle
Packaging Type	Bag
Release Style	Flip Latch
Single Ended	No
Wire/Cable Type	Twinax
Wire Size (AWG)	31

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
MicroBeam Low-Profile Connector, 16 Differential Pair, Surface Mount, 6.70mm Height, with Metal Cage and Cover	<u><a href="#">2190302216</a></u>