



Part Number : [2131114205](#)

Product Description : Impulse 4-Pair-to-Impulse 4-Pair Cable Assembly, 90 Ohm, 200.00mm Length, 16 Columns, 64 Differential Pairs

Series Number : 213111

Status : Active

Product Category : High-Speed I/O Cable Assemblies

Engineering Part Number : 100062-0565



Documents and Resources

Drawings

[2131114205_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
REACH SVHC	Not Reviewed per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Not Relevant

[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

Part Details

General

Status	Active
Category	High-Speed I/O Cable Assemblies
Series	213111
Description	Impulse 4-Pair-to-Impulse 4-Pair Cable Assembly, 90 Ohm, 200.00mm Length, 16 Columns, 64 Differential Pairs
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Impulse-to-Impulse
Product Name	Impulse
Type	Pluggable
UPC	198282726807

Electrical

Current - Maximum per Contact	0.75A
Data Rate	112 Gbps (PAM-4)
Impedance	90Ω
Voltage - Maximum	29.9V AC (RMS)/DC

Physical

Cable Bundling	Woven Braid
Cable Length	200.00mm
Circuits (Loaded)	128
Circuits (maximum)	128
Color - Resin	Black

Gender	Male-Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Number of Pairs	4
Packaging Type	Bag
Plating min - Mating	0.762µm
Release Style	N/A
Single Ended	No
Wire/Cable Type	2 Core,90 Ohm,Dual Drain
Wire Size (AWG)	30

Mates With / Use With

Mates with Part(s)

Description	Part Number
Impulse 90 Ohm 4-Pair Orthogonal Daughtercard, 2.00mm Pitch, Unguided, 16 Columns, 64 Differential Pair	<u>1735407016</u>