



Part Number : 2255571002

**Product Description :** NextStream Straight-to-NextStream Straight Cable Assembly, Pull Tab, 16x, 124 Circuits, 20 HS Channels Max, PCIe Gen 6, 1000.00mm Length

Series Number : 225557

Status : Active

Product Category : High-Speed I/O Cable Assemblies

---

## Documents & Resources

### Drawings

Drawing\_2255571002\_sd.pdf

---

## 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

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

---

## Part Details

### General

Status	Active
Category	High-Speed I/O Cable Assemblies
Series	225557
Description	NextStream Straight-to-NextStream Straight Cable Assembly, Pull Tab, 16x, 124 Circuits, 20 HS Channels Max, PCIe Gen 6, 1000.00mm Length
Assembly Configuration	Dual Ended Connectors
Connector to Connector	NextStream-to-NextStream
Product Family	NextStream Connector System
Product Name	NextStream
Type	Internal
UPC	196823749681

### Agency

CSA	LR19980
UL	E29179

### Electrical

Current - Maximum per Contact	1.1A
Data Rate	64 Gbps (PAM-4)
Voltage - Maximum	30V AC (RMS)/DC

### Physical

Cable Bundling	Woven Braid
Cable Length	1000.00mm
Circuits (Loaded)	124
Circuits (maximum)	124
Color - Resin	Black
Durability (mating cycles max)	200
Flammability	94V-0
Gender	Plug/Plug
Lock to Mating Part	Yes
Material - Plating Mating	Gold
Material - Resin	Liquid Crystal Polymer

Number of Pairs	40
Number of Rows	2
Orientation	Straight-to-Straight
Packaging Type	Bag
Release Style	Pull Tab
Single Ended	No
Wire/Cable Type	Twinax

---

## Mates With / Use With

### Mates with Part(s)

Description	Part Number
NextStream Connector, 16x, 124 Circuits, 20 HS Channels Max, 1.55mm Shell Leg Length, PCIe Gen 6, with Pick and Place Dust Cap	<u>2203854021</u>