



**Part Number :** [1000631200](#)

**Product Description :** MLX 200 Coaxial Cable,  
Double Shield, Low Loss, 17 AWG

**Series Number :** 100063

**Status :** Active

**Product Category :** Coaxial Cable



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## Documents and Resources

### Drawings

[1000631200\\_sd.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Reviewed per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Reviewed per IEC 61249-2-21
REACH SVHC	Not Reviewed per D(2025)7771- DC (04 Feb 2026)
EU RoHS	Not Reviewed per EU 2015/863

### 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

## Part Details

### General

Status	Active
Category	Coaxial Cable
Series	100063
Description	MLX 200 Coaxial Cable, Double Shield, Low Loss, 17 AWG
Product Name	MLX Coaxial Cable
UPC	198282536932

### Electrical

Dielectric Constant	1.45
Impedance	50Ω
Inner Conductor DC Resistance	5.36 Ohms/1000 ft
Max Cut Off Frequency	39 GHz
Nominal Capacitance	25.4 pF/ft
Nominal Inductance	.061 uH/ft
Outer Conductor DC Resistance	4.9 Ohms/1000 ft
Shielding Effectiveness	90 dB
Velocity of Propagation	80%

### Physical

Color - Cable Jacket	Black
First Shield	Aluminum Tape
Flat Plate Crush	15 lbs/in
Insulation	Foam Polyethylene
Material - Outer Jacket	Polyethylene
Minimum Dynamic Bend Radius	2.00" (50.80mm)
Minimum Static Bend Radius	.50" (12.70mm)
Net Weight	10.910/g
Outer Diameter	.200" (5.08mm)
Second Shield	Tinned Copper Braid

Signal Conductor	Solid Copper
Signal Conductor AWG	17
Temperature Range - Operating	-40° to +85°C
Temperature Range - Storage	-70° to +85°C
Tensile Strength	40 lbs
Weight	.024 lbs/ft

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