Part Number : 1000631600
Product Description : MLX 600 Coaxial Cable, Double Shield, Low Loss, 5 AWG
Series Number : 73430
Status : Active
Product Category : Coaxial Cable



Documents and Resources

Drawings

1000631600_sd.pdf

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

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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Part Details

General

Status	Active
Category	Coaxial Cable
Series	73430
Description	MLX 600 Coaxial Cable, Double Shield, Low Loss, 5 AWG
Product Name	MLX Coaxial Cable
UPC	198282536284

Electrical

Dielectric Constant	1.32
Impedance	50Ω
Inner Conductor DC Resistance	.53 Ohms/1000 ft
Max Cut Off Frequency	10.3 GHz
Nominal Capacitance	23.4 pF/ft
Nominal Inductance	.058 uH/ft
Outer Conductor DC Resistance	1.2 Ohms/1000 ft
Shielding Effectiveness	90 dB
Velocity of Propagation	85%

Physical

Color - Cable Jacket	Black
First Shield	Aluminum Tape
Flat Plate Crush	60 lbs/in
Insulation	Foam Polyethylene
Material - Outer Jacket	Polyehtylene
Minimum Dynamic Bend Radius	6.00" (152.40mm)
Minimum Static Bend Radius	1.50" (38.10mm)
Net Weight	62.270/g
Outer Diameter	.590" (14.99mm)
Second Shield	Tinned Copper Braid
Signal Conductor	Solid Copper Clad Aluminum
Signal Conductor AWG	5

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Temperature Range - Operating	-40° to +85°C
Temperature Range - Storage	-70° to +85°C
Tensil Strength	350 lbs
Weight	.137 lbs/ft

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