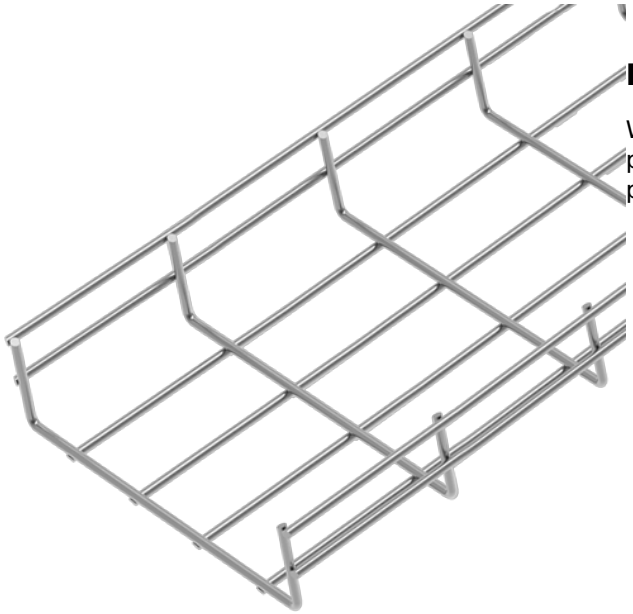
# Product Data Sheet

## Wire mesh tray, 100x150 mm, 3.8 mm, galvanized, 3 meters



**Part Number:** LAN-MT100x150-3.8EZ

Wire mesh tray, 100 mm height LAN-MT100xxxx-3.8EZ: specifications, description, purpose and use in structured cabling, data center and LANMASTER infrastructure projects.

## Description

Tray is made of medium carbon steel.

Coating - cold galvanizing.

Coating thickness ≥ 12µm.

Application scope - indoors.

**Installation**

Bends, risers, branches, crossings can be made directly from the straight sections of the mesh tray.

The installation of supports and (or) hangers for fastening the trays should be calculated based on the expected load and can reach 2.5 m.

Operating temperature of cable trays is from -40°C to +150°C.

**Choice of tray size by number of cables**

The height of the wire mesh tray must not be less than the diameter of the thickest cable when laid in one layer or the sum of the diameters of cables laid in several layers. Tray width is selected to accommodate the required number of cables plus a margin for expanding number of cables. When choosing the dimensions of the tray, it is also necessary to consider the requirements of regulatory documents, for example, clause 2.1.61 of the PUE states: "in trunking, wires and cables can be neatly dressed or randomly laid in layers. The sum of the cross sections of wires and cables calculated from their outer diameters, including insulation and outer jackets, should not exceed: 35% of the cross section of the conduit; 45% for the trunking with opening lid."

## Part Numbers

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| LAN-MT100x100-3.8EZ | Wire mesh tray, 100x100 mm, 3.8 mm, galvanized, 3 meters |
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| LAN-MT100x150-3.8EZ | Wire mesh tray, 100x150 mm, 3.8 mm, galvanized, 3 meters |
| LAN-MT100x200-3.8EZ | Wire mesh tray, 100x200 mm, 3.8 mm, galvanized, 3 meters |
| LAN-MT100x300-3.8EZ | Wire mesh tray, 100x300 mm, 3.8 mm, galvanized, 3 meters |
| LAN-MT100x400-3.8EZ | Wire mesh tray, 100x400 mm, 3.8 mm, galvanized, 3 meters |
| LAN-MT100x600-3.8EZ | Wire mesh tray, 100x600 mm, 3.8 mm, galvanized, 3 meters (by request) |
| LAN-MT100x500-3.8EZ | Wire mesh tray, 100x500 mm, 3.8 mm, galvanized, 3 meters (by request) |
| LAN-MT100x900-3.8EZ | Wire mesh tray, 100x900 mm, 3.8 mm, galvanized, 3 meters (by request) |
| LAN-MT100x700-3.8EZ | Wire mesh tray, 100x700 mm, 3.8 mm, galvanized, 3 meters (by request) |
| LAN-MT100x800-3.8EZ | Wire mesh tray, 100x800 mm, 3.8 mm, galvanized, 3 meters (by request) |

Specifications are subject to change without notice. For the most current information, consult LANMASTER or an authorized LANMASTER partner/distributor.