

A system of plastic trays designed to guide the cable routes between the IT, server and electrical cabinets.



Photo 1 - Plastic ducts



Photo 2 - Plastic ducts

main features:

- a system that provides organized routing of cables, cable bundles and patchcords,
- modular system for easy, quick assembly using elements such as straight ducts, tees, quadrants, knees, cabinet exits,
- easy assembly of the elements by means of snap-in connectors that are clipped into notches on the walls of the elements,
- possibility of expansion with further elements as more cabinets are added,
- possibility of descent to the cabinet in any place of the straight duct by notching the side wall and mounting the descent to the cabinet,
- can be mounted above cabinets or under the technical floor,
- ensures safe cable routing by guaranteeing safe bending radii, which is particularly important for optical fibers,
- The ducts are made of Noryl material, which has a high fatigue strength, low thermal expansion and therefore does not deform as the temperature increases and during a very long service life.

It is a **halogen-free** material, certified for flammability in the **UL 94-V-0** class and widely used in the automotive industry, which is the right recommendation for this material.

1st photo

- ducts mounted to the cable ladders above the cabinets. The main duct with dimensions of 100x100mm, one exit to the cabinet 100x100mm, another 50x50mm.

2nd photo

- ducts mounted to cabinet roofs.

sectors:



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ENERGETICS



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RAILWAY

standards and certificates:

- PN-EN 61537:2007E
- ZN-OPL-009/13
- UL2024A
- **UL 94-V-0**
- ROHS



Photo 3 - Plastic ducts

3rd photo

- ducts placed under the technical floor

technical specifications:

duct dimensions (w. × h.) [mm]	30 × 30		50 × 50	
patchcord diameter [mm]	2-2,4	1,6-2	2-2,4	1,6-2
duct capacity for patchcord diameter aa above - simple duct [pcs]	60	100	155	265

duct dimensions (w. × h.) [mm]	100 × 50		100 × 100	
patchcord diameter [mm]	2-2,4	1,6-2	2-2,4	1,6-2
duct capacity for patchcord diameter aa above - simple duct [pcs]	350	600	700	1200

duct dimensions (w. × h.) [mm]	220 × 100		300 × 100	
patchcord diameter [mm]	2-2,4	1,6-2	2-2,4	1,6-2
duct capacity for patchcord diameter aa above - simple duct [pcs]	1500	2500	2100	3600