

21st October 2025

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ELECTRICAL CONTINUITY COMPLIANCE

According to IEC standard 61537 (Cable management – Cable tray systems and cable ladder systems); Cable tray systems and cable ladder systems shall have adequate electrical continuity to ensure equipotential bonding and connection(s) to earth if required according to the application of the cable tray system or of the cable ladder system. The calculated impedances shall not exceed 50 mΩ across the joint and 5 mΩ per meter without the joint.

We hereby declare that product + coupler piece combination listed below comply with this requirement when assembled according to manufacturer's instructions. No special cables needed for earthing purposes.

MEK 70 S PG
MEK 70 K PG
MEK 70 M
MEK 70 PG
MEK 110 K M
MEK 110 K PG
MEK 110 M
MEK 110 PG
ALUMEK 50 M
ALUMEK 50

MEKA PRO OY



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Table 1. Test results without joint.

Product name	Impedance mΩ / 1,0m
MEK 70 S PG	1.22
MEK 70 M	0.90
MEK 70 PG	1.07
MEK 110 K M	0.33
MEK 110 K PG	0.43
MEK 110 M	0.58
MEK 110 PG	0.34
ALUMEK 50 M	0.18
ALUMEK 50	0.16

Table 2. Test results with joint.

Product name	Impedance mΩ
MEK 70 S PG MEK J-70 PG	0.50
MEK 70 M MEK J-70 PG	0.58
MEK 70 M MEK NL PG	1.34
MEK 70 PG MEK J-70 PG	0.44
MEK 110 K M MEK J-110 PG	0.68
MEK 110 K PG MEK J-110 PG	0.33
MEK 110 M MEK J-110 PG	0.42
MEK 110 M MEK NL PG	0.32
MEK 110 PG MEK J-110 PG	0.26
ALUMEK 50 M ALUMEK J	0.10
ALUMEK 50 ALUMEK J	0.06

