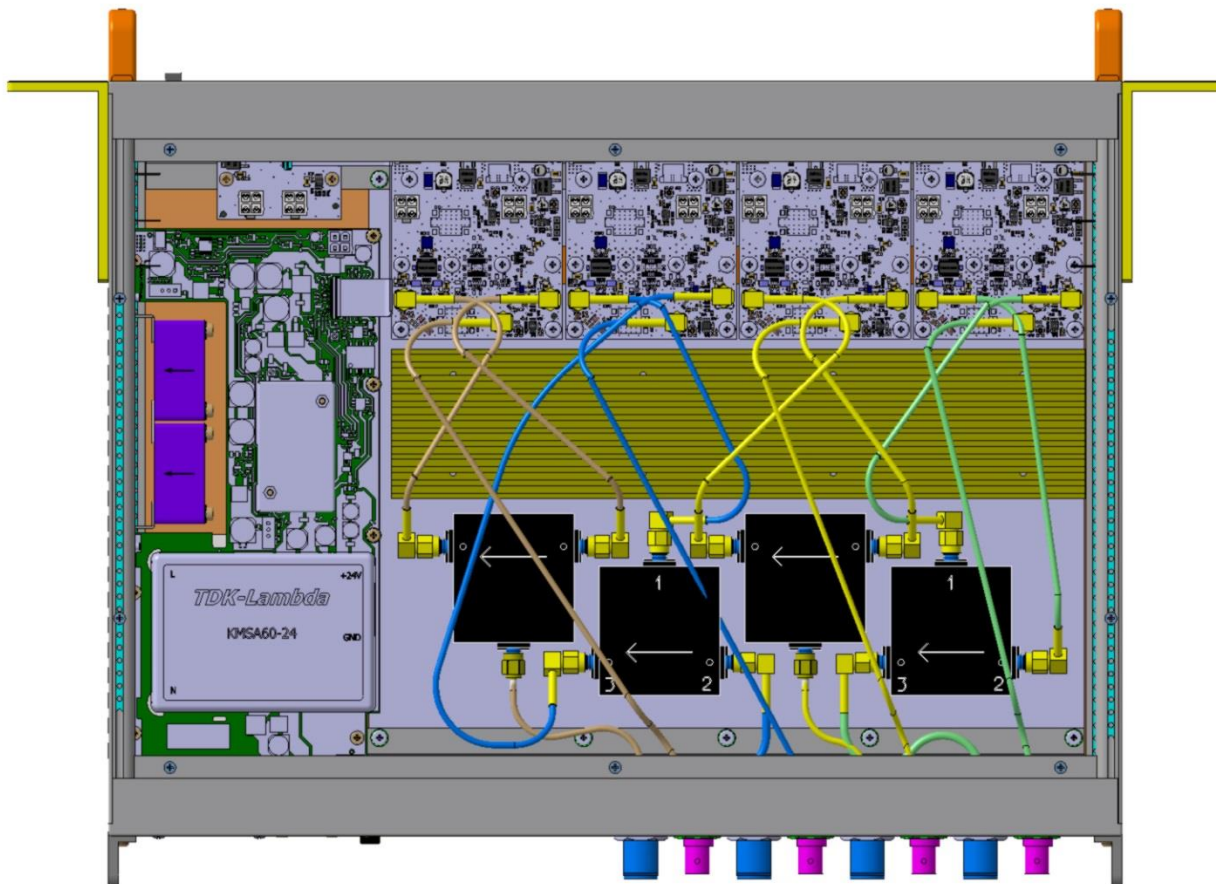




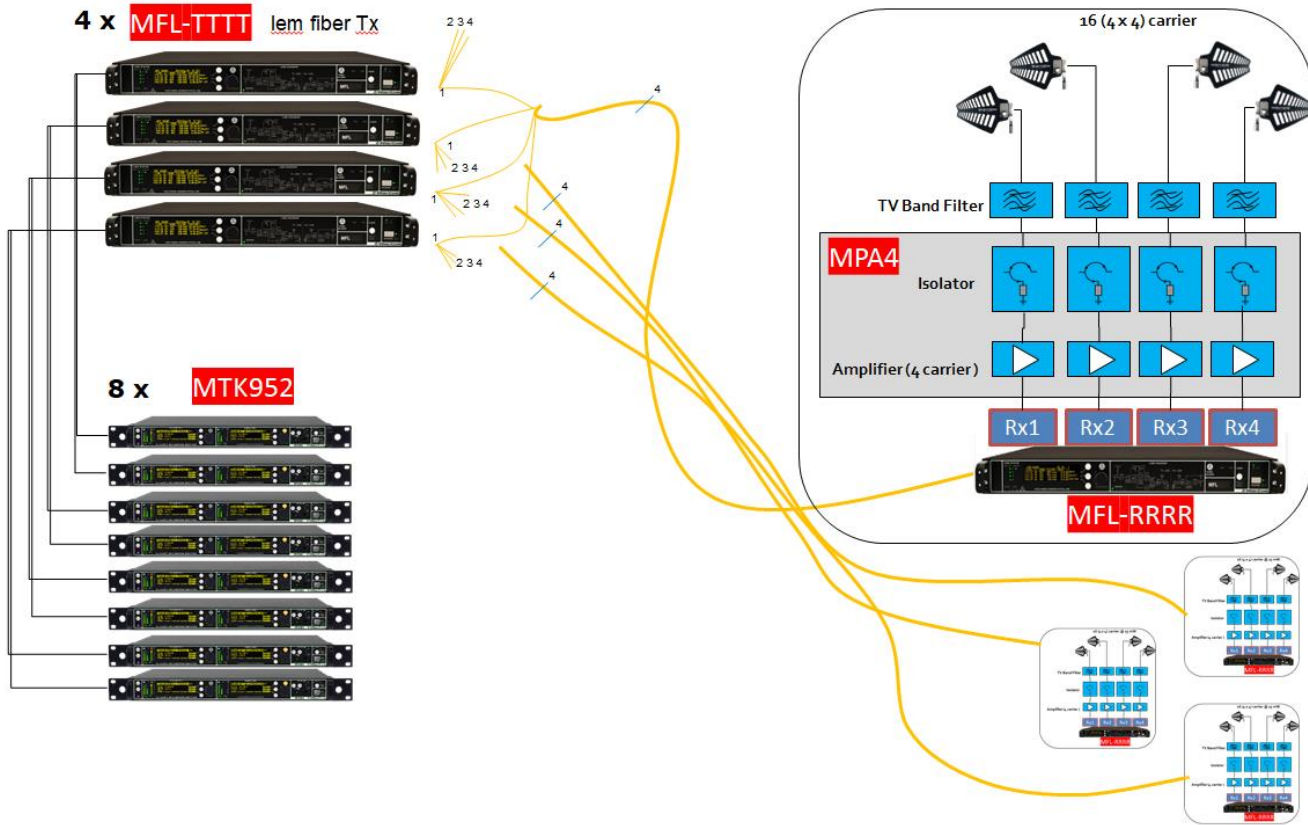
MPA4 rack is quadruple power amplifier optimized for extreme linearity. It is perfect match to amplify remote signals or works with Wisycom MFL fiber system to setup a local retransmission. Its extreme linearity allows to amplify multi-carriers without facing intermodulation issues.

Key Features

- ✓ Wideband: 470-620 MHz/ 600-800MHz
- ✓ High linearity: OIP3 > 50dBm
- ✓ Redundant power supply 230/110Vac & 12 VDC



Example: 16 IEM channels in 4 remote areas + local



SPECIFICATIONS

Frequency ranges	470 ÷ 620 MHz or 600 ÷ 800 MHz
Input/output gain	30.5 dB (other on request)
Amplifier linearity	± 0.5 dB (typical)
Noise figure	9 dB
OIP3	> 50 dBm
OP1dB	32dBm
Absolute Max Input Power	+20dBm DO NOT EXCEED MAX INPUT RF POWER!
Max Input Power	0dBm with 1 carrier, -13dBm with 4 carriers (OIP3 optimize)
Connector	4 x BNC type female input connectors 4 x N type female output connectors
Impedance	50 Ω
Power supply	90÷ 264 Vac, 47÷ 63 Hz, 1,5A max
DC options	10÷28 Vdc, 6A max
Power consumption	60W
Temperature range	-10 ÷ +55 °C
Dimensions	44 x 483 x 350 (HxWxD) with brackets
Weight	5,4 Kg (with 4 modules)

VARIANTS

MPA4-<Band><ModuleNumber>-<DC-Option> i.e. MPA4-BL4
<Band>
BL 470-620MHz

BH 600-800MHz

<ModuleNumber>
4 4 modules

2 2 modules