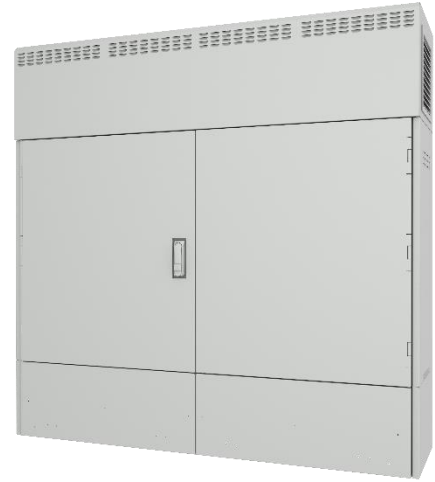


Multi-Functional Cabinet

2LINE MFC 18 with active cooling

The 2LINE MFC 18 with active cooling system ("Whisper-PoP") is customised and equipped according to your needs in terms of size, interior fittings, air conditioning and safety.

No failure of the active technology due to excessive temperatures. No penetration of foreign particles or moisture into the interior. Maintenance-free and safe operation of the passive and active technology is thus ensured for decades. In addition, the sound pressure level of the MFC with active cooling system at 1m hemisphere is only 35dB(A) in accordance with TA noise.



Technical data

Dimension HxWxD [mm]	Housing: 1940x2000x500 Base: 510-660x2000x500
Weight	ca. 240kg without modules and heat exchanger
Material	Stainless steel, aluminium, powder-coated, plastic
Farbe	RAL 7035
Closure	Door with swivelling lever for single locking, door fixed at 160° opening angle, with 3-point locking (optionally with double locking)
Protection class	IP55
Resistance class	RC2

Area of application

- As an outdoor distribution cabinet

Advantages

Installation of 2LINE MFC fibre optic extension with splice/patch modules and splitters

Enclosure interior can be designed modularly with 19" / ETSI rack / patch cable management

Patented V-base plate for bending radius-compatible entry

Series	MGK 350-2	
Device description	Kompakte Schaltschrankkühlung im Umluftkühlbetrieb	
Sound power level SWL max.	dB(A)	52
Sound pressure level SPL (1 m hemisphere)	dB(A)	35
Refrigant 1)	R410A	
Refrigant filling volume	kg	0,90
CO2-equivalent	t	1,88
Global warming potential	GWP	2088
Cooling capacity	kW	3,54
Hourly power consumption, QSD 2)	kWh/60 min	1,31
Operating pressure max.	kPa	4200
Power supply	V/Ph/Hz	230/1~/50
Operating limit cooling mode	°C	55
Temperature range adjustable	°C	25-45
Dimensions (H/W/D)	mm	450/2000/500
Weight	kg	70,0

Scope of delivery

- 1 pc. 2LINE MFC 18 with active cooling system

Optional accessories

- Door contact switch
- Double locking
- Interior lighting
- Power strip
- Flexible battery trays
- Vertical or horizontal cable support rails
- Cooling with heat exchanger, operating voltage 48 VDC
- Heating
- Possibility to install passive optical splitters and wavelength multiplexers (up to 64 splitters)
- Depth-adjustable profile rails for active technology / copper:
 - 19" width 465 mm (hole spacing), grid 44.45 mm, capacity 21U;
 - ETSI width 515 mm (hole spacing), grid 25 mm, capacity 37U
- Cable bushings
- Splice/Patch modules
- Ground socket for MFC 18 with active cooling system