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CS9750.918 Multifunctional Cabinet MFC 18
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outdoor cabinets – street cabinets

MFC 18 – CS9750.918
• **application** outdoor
• **field of application** FTTC, FTTH

double walled outdoor cabinet suitable for outdoor siting

- **material**: 2.0 mm Aluminium (AlMg3)
- **surface**: powder coated (pure polyester)
- **dimension**: WHD 2000x1500x500 mm, 22 RU
- **protection category**: IP 55 according to EN 60 529/10.91
- **protection against burglar**: up to RC 2 (resistance class), according to DIN EN V 1630: 1999-04

- side panels, rear panel, 3x door, double walled, mechanical door adjustment (approx. angle of aperture 155°)
- doors with 3 pt locking system and dual or single cylinder swinghandle
- plinth for cable management H = 300mm
- prepared to install two climat options HEX or DAC
- rain canopy with air outlet system, H = 130 mm
- 3x ETSI or 19" mounting angle
- bottom plate with grommets
- 2x center bars welded
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- side panels, rear panel, 3x door, double walled, mechanical door adjustment (approx. angel of aperture 155°)
- doors with 3 pt locking system and dual or single cylinder swinghandle
- 2x centre bars, 1x welded, 1x removeable
- plinth for cable-, pipe- and fibermanagement H = 300mm
- rain canopy with air outlet system, H = 130 mm
- 2x ETSI or 19" mounting angle, 1x Mounting plate for copper MDF
- separate area for AC power input and cou ting
- bottom plate with grommets

- exemplary Configuration
- Connect Com ODF with up to 720 LC/LC APC/SC/SC APC or 360 E2000 APC
- fiber management system
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climatisation

**air to air heat exchanger 25 W/K**
operating voltage: 48 V DC
temperature range: -20 °C to +75 °C
temperature control: NTC-sensor

**direct air cooling 100 W/K**
operating voltage: 48 V DC
temperature range: -33 °C to +70 °C
temperature control: Microcontroller

interior installation
- 48 V / DC - power supply unit
- electrical power supply
- heater kit 230 V/ 800 W
- sensors (door alarm, temperature …)
- lighting

underground plinth
- material: stainless steel 1.4016
- surface: RAL pur polyester
- dimension: CS9765.250 RAL7035
  BHT 2000x660x500mm

colours
- pure polyester – UV- resistance
- optional with Anti-Graffiti Effect
- RAL 7035
  optional RAL7038, 6009
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**outdoor cabinets – street cabinets**

**CS9760.327 Air / Air Heat Exchanger**

- **Mounting position:** Roof
- **Dimensions:** WxHxD: 930 x 130 x 280 mm
- **Spec. cooling capacity:** up to 49 W/K at MFC 18
- **Supply voltage:** 48 V DC
- **Temperature range:** -33 °C bis +75°C
- **Protection class (external- to internal circuit):** IP 54
- **Protection class (Heat Exchanger to MFC):** IP55
- **Temperature control:** Microcontroller with USB- Connection
  - Fan speed curve settable via Software
- **Connection:** 12pol. Wago connector part of the delivery.
- **Material (Housing):** Aluminium
- **Surface:** painted RAL 7035

**CS9760.342 Direct Air Cooler - DAC**

- **Direct Air Cooling System DAC to use at MFC8/12/15/18 outdoor cabinets**
- **Mounting Position:** Roof
- **Dimensions:** WxHxD: 875 x 125 x 314 mm
- **Spec. cooling capacity:** up to 100 W/K
- **Supply Voltage:** 48 V DC
- **Temperature range:** -33 °C bis +75°C
- **Protection class (external- to internal circuit):** IP 54
- **Protection class (DAC to MFC):** IP55
- **Temperature control:** Microcontroller with USB- Connection
  - Fan speed curve and alarm settable via Software
- **Connection:** 12pol. Wago Connector part of the delivery
- **Material (Housing):** Aluminium
- **Surface:** painted RAL 7035

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**Pic.:** Software for configuration
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CS9750.918 3doors symmetric
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CS9750.918 3doors asymmetric