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CS9750.912 Multifunctional Cabinet MFC 12
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outdoor cabinets – street cabinets

**MFC 12 – CS9750.912**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>application</strong></td>
<td>outdoor</td>
</tr>
<tr>
<td><strong>field of application</strong></td>
<td>FTTC, FTTH</td>
</tr>
<tr>
<td><strong>material</strong></td>
<td>2.0 mm Aluminium (AlMg3)</td>
</tr>
<tr>
<td><strong>surface</strong></td>
<td>powder coated (pure polyester)</td>
</tr>
<tr>
<td><strong>dimension</strong></td>
<td>WHD 1400x1600x500 mm, 22 RU</td>
</tr>
<tr>
<td><strong>protection category</strong></td>
<td>IP 55 according to EN 60 529/10.91</td>
</tr>
<tr>
<td><strong>protection against burglar</strong></td>
<td>up to RC 2 (resistance class), according to DIN EN V 1630: 1999-04</td>
</tr>
</tbody>
</table>

- side panels, rear panel, 2x 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 = 400mm
- prepared to install a climat option HEX or DAC
- rain canopy with air outlet system, H = 130 mm
- 2x ETSI or 19" mounting angle
- bottom plate with grommets
- 1x center bar removeable
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MFC 12 – CS9750.912

- 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 1300x1500x500 mm, 22 RU
  optional WHD 1300x1500x500 mm
  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, 2x door, double walled, mechanical door adjustment (approx. angel of aperture 155° )
- doors with 3 pt locking system and dual or single cylinder swinghandle
- 1x centre bar, welded
- plinth for cable-, pipe- and fibermanagement H = 300mm, optional 400mm
- rain canopy with air outlet system, H = 130 mm
- prepared to install a climat option HEX or DAC
- 1x ETSI or 19” mounting angle,
- separate area for AC power input and couting
- bottom plate with grommets
- MDF area
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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  CS9765.249 RAL7035
  BHT 1300x660x500mm
  CS9765.252 RAL7035
  BHT 1400x660x500mm

colours
- pure polyester – UV- resistance
- optional with Anti-Graffiti Effect
- RAL 7035
  optional RAL7038, 6009
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CS9760.327 Air / Air Heat Exchanger

Air / Air Heat Exchanger to use at MFC8/12/15/18 outdoor cabinets

- 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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CS9750.912 2doors symmetric
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CS9750.912 2doors asymmetric