The DICENTIS cable coupler enables Technicians to connect DICENTIS cable assemblies (with one another or with standard CAT-E cable) without the need for special tools. The cable coupler can be used to:

- Connect two DICENTIS cables so you can easily increase cable length.
- Connect two DICENTIS cables, where one is always present and ends in a “floor pod” and the other cable is only connected when it is required (for example, a rostrum microphone which will not always be used). The cable coupler can be fixed with screws to the floor pod.
- Interconnect DICENTIS cable with standard CAT5-E cable and power cable so you can comply with local regulations or make use of current available infrastructure.
- Interconnect DICENTIS cable with standard CAT5-E cable and a 48VDC power supply close to the devices.
- Create a circuit to power on a system without the need of a Multimedia device, a PC running the Meeting application, or Synoptic control.

Functions

- Makes it easier to adjust cables to the required length when installing rental systems. Offers a means to create cables for the desired length by just interconnecting standard cables without the need for special tools.
- Makes it easy to connect “temporary” devices (for example, a rostrum microphone) to the DICENTIS system. At the location of the rostrum microphone, the cable coupler is used as the endpoint of the cable (mounted in a floor pod).
- Makes it possible to comply to the most stringent norms for fixed/installation cable in buildings. Enables you to use standard CAT-5E and power cable for the part where the norms have to be met, and DICENTIS cable in the conference room.
- Makes it easy to re-use existing infrastructure/networks (for example, if a CAT-5E network is already in place).
- Makes it possible to place a 48 VDC power supply (not part of the Bosch portfolio) close to the participant devices.

Requirements for the power supply:

- Nominal output of 48 VDC (ranging from 47 - 49 VDC).
- The ripple should be less than 200 mV pk-pk.
- Maximum output current should not exceed 3.0 A (or limited to 3.0 A, because DICENTIS cables and devices have a maximum rating for this current).

Advice

- It is strongly advised that the power supply has its own short circuit protection with a short circuit output current ranging from 4.3 to 5.0 A.
- When the power supply has an automatic restart after a short circuit, this restart function should have an interval time of 3 to 4 seconds and should have no more than 4 restart attempts.
- Upon powering off the power supply, the output should be less than 9 V, 1 mA.
Certifications and approvals

<table>
<thead>
<tr>
<th>Region</th>
<th>Regulatory compliance/quality marks</th>
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<tbody>
<tr>
<td>Europe</td>
<td>CE DECL EC DCNM-CBCPLR</td>
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Parts included

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Component</th>
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<tbody>
<tr>
<td>6 pcs</td>
<td>DCNM-CBCPLR Cable couplers</td>
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</tbody>
</table>

Technical specifications

**Electrical**

- Supply voltage: 48 VDC (ranging from 47 - 49 VDC)
- Ripple: < 200 mV pk-pk
- Maximum input current: 3.0 A

**Mechanical**

- Mounting: Using two 2.5 mm screws
- Dimensions (H x W x D): 23 x 77 x 29 mm (0.90 X 3.03 x 1.14 in)
- Weight: 0.035 kg (0.077 lb)
- Color: Jet black (RAL 9005)

Ordering information

DCNM-CBCPLR Cable coupler
To create connections between DICENTIS cable assemblies.
Order number **DCNM-CBCPLR | F.01U.335.531**