DCNM-CBCPLR Cable coupler

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BOSCH
Invented for life

▶ Provides an easy way to interconnect DICENTIS cable assemblies

▶ Provides an easy way to interconnect DICENTIS cables assemblies with non-DICENTIS cable

▶ Provides an easy way to create a connection for temporary devices, like a rostrum microphone

▶ Provides an easy way to use an external power supply for your devices

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 is 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

Region	Regulatory compliance/quality marks	
Europe	CE	DECL EC DCNM-CBCPLR

Parts included

Quantity	Component
6 pcs	DCNM-CBCPLR Cable couplers

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**