

## Basic features

Application	Ethernet, CAT 5
Approval/Conformity	CE cULus EAC WEEE

## Electrical connection

Bending radius min., flexible cable	10 x D
Cable	TPE Shielded teal, 5 m, Drag chain compatible
Cable diameter D	6.10 mm ±0.25 mm
Cable, bending cycles min.	10 mil.
Cable, note	Ethernet, CAT 5E
Conductor cross-section	24 AWG
Connection 1	M12x1-Male, Straight, 4-pin, D-coded
Connection 2	M12x1-Male, Straight, 4-pin, D-coded
Number of conductors	4
System	Molded/Molded

## Electrical data

Cable rated voltage AC max.	600 V
Cable rated voltage DC max.	600 V
Conductor construction	2x2 twisted-pair
Conductor resistance	≤ 26.0 Ohm/1000 ft
Coupling resistance max.	100 Ohm ±15 Ohm
Operating capacitance	13.5 pF/ft
Operating voltage U <sub>b</sub>	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A
Transfer rate	10/100 Mbit/s

## Environmental conditions

Cable temperature, flexible routing	-40...80 °C
IP rating	IP67/IP67

## Material

Cable jacket material, note	Shielded
Cable jacket, material	TPE
Cable shield	Aluminum foil and copper braid
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material cover nut	Brass nickel plated/Brass nickel plated
Material grip	PUR/PUR

Double-Ended Cordsets  
**BCC M414-M414-6D-338-ES64N9-050**  
Order Code: BCC09NP



**Mechanical data**

Cable jacket, color teal

Cable length L

5.00 m

Cable properties

drag chain compatible

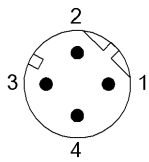
Tightening torque pigtail

0.6 Nm/0.6 Nm

**Remarks**

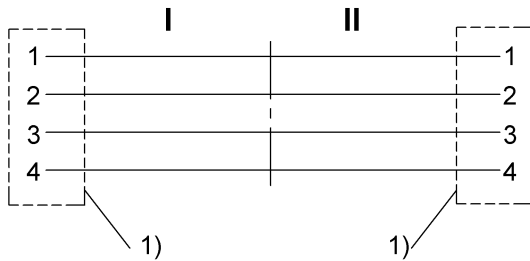
Cable construction acc. to UL CMX Outdoor or AWM Style 2463  
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.  
360° shield on cover nut

**Connector Drawings**



I, II  
PIN 1: white/orange  
PIN 2: white/green  
PIN 3: orange  
PIN 4: green

**Wiring Diagrams**



1) Shield on cover nut