

Double-Ended Cordsets  
BCC E894-E894-90-339-ES64N9-080  
Order Code: BCC0E8A



Basic features

|                     |                 |
|---------------------|-----------------|
| Application         | Ethernet, CAT 5 |
| Approval/Conformity | CE<br>WEEE      |

Electrical connection

|                                     |                                               |
|-------------------------------------|-----------------------------------------------|
| Bending radius min., flexible cable | 10 x D                                        |
| Cable                               | TPE Shielded teal, 8 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                        | RJ45-Male, straight, 4-pin                    |
| Connection 2                        | RJ45-Male, straight, 4-pin                    |
| Number of conductors                | 4                                             |
| System                              | assembled/assembled                           |

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 Ub        | 42 VDC / 30 VAC    |
| Rated current (40 °C)       | 1.0 A              |
| Transfer rate               | 10/100 Mbit/s      |

Environmental conditions

|                                     |             |
|-------------------------------------|-------------|
| Cable temperature, flexible routing | -40...80 °C |
| IP rating                           | IP20/IP20   |

Material

|                             |                                                               |
|-----------------------------|---------------------------------------------------------------|
| Cable jacket material, note | Shielded                                                      |
| Cable jacket, material      | TPE                                                           |
| Cable shield                | Aluminum foil and copper braid                                |
| Material contact carrier    | PBT/PBT                                                       |
| Material contacts           | Phosphor bronze, gold plated/<br>Phosphor bronze, gold plated |
| Material grip               | PVC/PVC                                                       |

Mechanical data

|                     |                       |
|---------------------|-----------------------|
| Cable jacket, color | teal                  |
| Cable length L      | 8.00 m                |
| Cable properties    | drag chain compatible |

Remarks

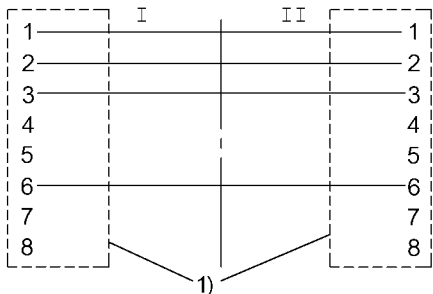
Cable construction acc. to UL CMX Outdoor or AWM Style 2463  
Enclosure rating per IEC 60529 or ISO 20653, only in screwed state with the associated mating piece.

Connector Drawings



- I , II
- PIN 1: white/orange
- PIN 2: orange
- PIN 3: white/green
- PIN 4: not used
- PIN 5: not used
- PIN 6: green
- PIN 7: not used
- PIN 8: not used

Wiring Diagrams



1) Shield on housing