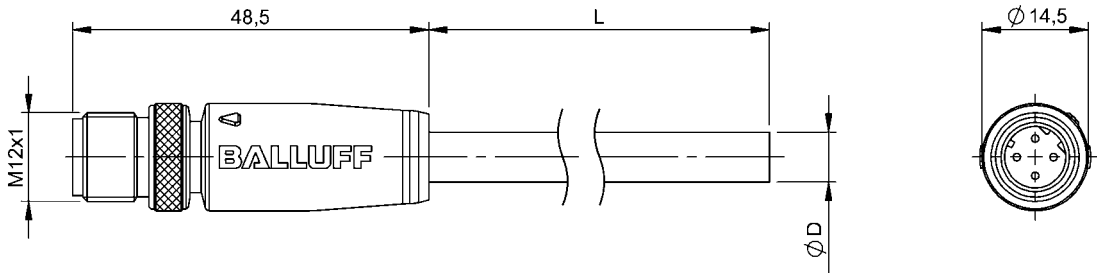


Single-Ended Cordsets
BCC M414-0000-2D-168-ES64N9-100
Order Code: BCC0K76

BALLUFF



Basic features

Application	Ethernet, CAT 5
Approval/Conformity	CE WEEE

Electrical connection

Bending radius min., flexible cable	10 x D
Cable	TPE Shielded teal, 10 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	M12x1-Male, straight, 4-pin, D-coded
Connector configuration	Straight
Number of conductors	4
Number of pins	4
System	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 Ub	60 VDC
Rated current (40 °C)	1.5 A
Transfer rate	10/100 Mbit/s

Environmental conditions

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

Material

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

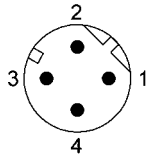
Mechanical data

Cable jacket, color	teal
Cable length L	10.00 m
Cable properties	drag chain compatible
Tightening torque pigtail	0.6 Nm

Remarks

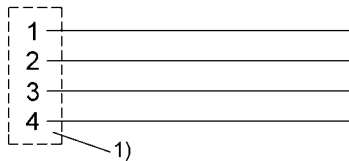
Cable construction acc. to UL CMX Outdoor or AWM Style 2463
Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



PIN 1: white/orange
PIN 2: white/green
PIN 3: orange
PIN 4: green

Wiring Diagrams



1) Shield on cover nut