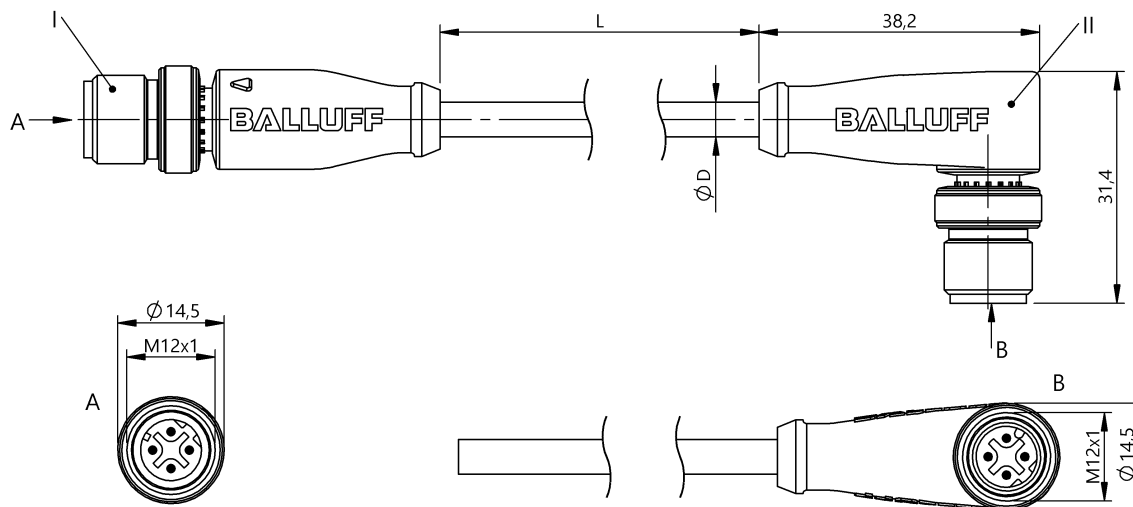


Double-Ended Cordsets
BCC M414-M424-6D-366-EX64N9-006
Order Code: BCC0CMY

BALLUFF



Electrical connection

Bending radius min., flexible cable	10 x D
Cable	TPE teal, 0.6 m, Drag chain compatible
Cable diameter D	5.50 mm ±0.13 mm
Cable, bending cycles min.	1 million
Cable, note	Ethernet
Conductor cross-section	24 AWG
Connection 1	M12x1-Male, straight, 4-pin, D-coded
Connection 2	M12x1-Male, angled, 4-pin, D-coded
Number of conductors	4
System	Molded/Molded

Electrical data

Cable rated voltage AC max.	300 V
Cable rated voltage DC max.	300 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	250 VDC / 250 VAC
Rated current (40 °C)	4.0 A
Transfer rate	10...100 Mbit/s

Environmental conditions

Cable temperature, flexible routing	-40...105 °C
IP rating	IP67, IP68, IP69K/IP67, IP68, IP69K

General data

Application	Ethernet
Approval/Conformity	cULus EAC WEEE

Material

Cable jacket, material	TPE
Material contact carrier	PUR/PUR
Material contacts	Brass/Brass
Material cover nut	Brass nickel plated/Brass nickel plated
Material grip	PUR/PUR

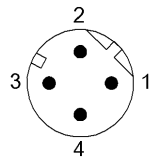
Mechanical data

Cable jacket, color	teal
Cable length L	0.60 m
Cable properties	Drag chain compatible
Tightening torque pigtail	0.6 Nm/0.6 Nm

Remarks

Cable construction per UL CMX Outdoor
 Enclosure rating per IEC 60529 or 20653, only in screwed state with the associated mating piece.

Connector Drawings



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

Wiring Diagrams

