

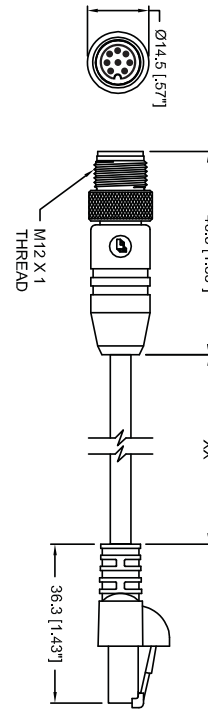
0985 656 103



## EtherMATE™ Industrial Ethernet Double-Ended Cordset

### M12 / RJ45 (Shielded, PVC)

Industrial Ethernet double-ended cord set, **high-flex**, male, M12 to RJ45 straight, 4-pair, 24 AWG, PVC cable, **stranded/shielded** with teal jacket and orange inserts.



### Wiring Diagram

M12 / RJ45

M12	Color	RJ45
6	White/Orange	1
4	Orange	2
1	White/Blue	5
7	Blue	4
5	White/Green	3
8	Green	6
2	White/Brown	7
3	Brown	8
Nut	Shield	Shell

### Pin Assignment

M12 Socket



RJ45 Socket





## EtherMATE™ Industrial Ethernet Double-Ended Cordset

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### Technical Data

#### Environmental

Degree of protection M12: IP 67 / RJ45: IP 20  
 Temperature rating -20°C(-4°F) to +75°C(+167°F)

#### Mechanical

Molded Body PUR, Black  
 Coupling Nut Brass, Nickel plated  
 Contacts Brass, Gold over Nickel plated  
 Insert PUR, Self extinguising

#### M12

PUR, Black  
 Brass, Nickel plated  
 Brass, Gold over Nickel plated  
 PUR, Self extinguising

#### RJ45

Pre-tinned copper alloy  
 Clear polycarbonate  
 50 μ" gold in contact area  
 over nickel plating

Housing  
 Insert  
 Contacts

#### Cable Specifications

Cable Jacket PVC, (sun and oil resistant)  
 Color: Teal  
 Overall diameter 7.77mm, nominal  
 Conductor 24AWG, 7 strands tinned copper  
 Insulation Polyethylene  
 Foil shield Aluminum/polypropylene tape, 100% coverage  
 Braided shield Tinned copper, 65% coverage  
 EMI protection 50 dB @ 0.772 MHz - 1000 MHz  
 Agency approval ETL rated CMR  
 Cable Type CAT5e, high flex / high noise

Part Number	Cable Length Options
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0985 656 103/...M

0.3 M / 0.5 M / 1 M / 2 M / 3 M / 4 M / 5 M / 10 M / 15 M / 20 M



The application of these products in harsh environments should always be checked before use.  
 Specifications subject to alteration.

NOTE: Vibration & Oil Resistant applies to M12 side only.