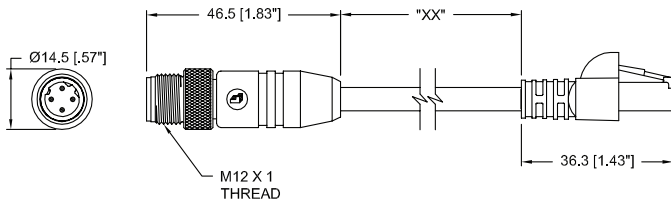


## Detailed Specification & Technical Data



### EtherMATE® Industrial Ethernet Double-Ended Cordset, M12 Male/RJ45, 4 Conductors, 26 AWG, Stranded, Shielded, 2 Twisted Pair, PUR, Halogen Free, Water Blue Jacket.

#### Technical Illustration



#### Technical Specifications

##### Connector Materials - M12

Molded Body	PUR, black
Coupling Nut	Brass, nickel plated
Contacts	Brass, gold plated
Insert	PUR, black

##### Connector Materials - RJ45

Plug	Polycarbonate
Contacts	Phosphor Bronze, gold plated
Boot	Elastomer Polyolefin
Shell	Copper Alloy, nickel plated

#### Cable Characteristics

<b>Cable Type</b>	CAT5e Industrial Ethernet Cable
<b>Conductor</b>	
NO. Pairs	2 (twisted)
Gauge	26 AWG, stranded
<b>Outer Jacket</b>	
Material	PUR, halogen free
Outside Diameter	5.8 mm
Colors	Water Blue
<b>Shielding</b>	
Foil	Aluminum laminated plastic foil
Braid	Tinned Copper, 85% coverage

#### Mechanical Characteristics

Temperature Rating	-40°C To +75°C
Protection	IP 68, NEMA 6P (M12 end only)

**NOTE:** Product has standard Lumberg Automation packaging unless otherwise specified. For other options contact Lumberg Automation.

Part Numbers	Order Code	Color	Pairs	Jacket	Shielding	Standard Length
0985 S4549 103/0.3M		Water Blue	2	PUR	Foil/Braided	
0985 S4549 103/0.5M	900 001 832	Water Blue	2	PUR	Foil/Braided	0.5 Meter
0985 S4549 103/1M	900 001 833	Water Blue	2	PUR	Foil/Braided	1 Meter
0985 S4549 103/2M	900 001 834	Water Blue	2	PUR	Foil/Braided	2 Meter
0985 S4549 103/5M	900 001 835	Water Blue	2	PUR	Foil/Braided	5 Meter
0985 S4549 103/10M	900 001 836	Water Blue	2	PUR	Foil/Braided	10 Meter
0985 S4549 103/15M	900 002 275	Water Blue	2	PUR	Foil/Braided	15 Meter
0985 S4549 103/20M	900 001 966	Water Blue	2	PUR	Foil/Braided	20 Meter
0985 S4549 103/25M	900 002 274	Water Blue	2	PUR	Foil/Braided	25 Meter
0985 S4549 103/30M	900 002 273	Water Blue	2	PUR	Foil/Braided	30 Meter

#### Face View



#### Wiring Diagrams

M12	Color	RJ45
1	White Orange	1
2	White Green	3
3	Orange	2
4	Green	6
<b>Nut</b>	<b>Shield</b>	<b>Shell</b>

#### Product Characteristics



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