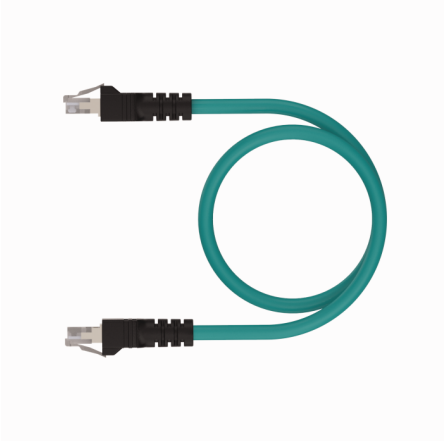
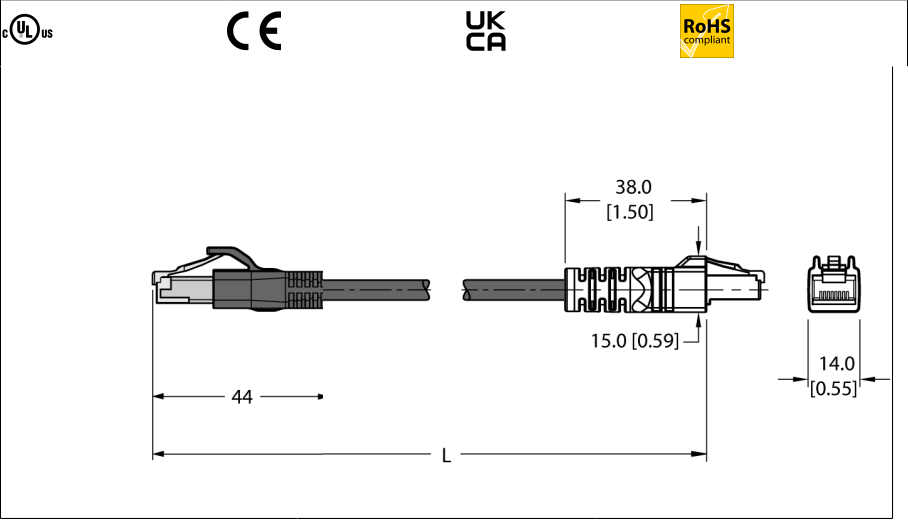


Industrial Ethernet Cable
Extension Cable
RJ45 RJ45 440-2M



Type	RJ45 RJ45 440-2M
ID	U-04974

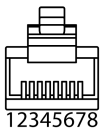
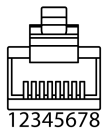
Connector A	Male, RJ45, Straight
Number of contacts	4
Contact carriers	Plastic, PC, Black
Connector body	Plastic, TPU, Black
Protection class (When coupled)	IP20
	NEMA: 1

Connector B	Male, RJ45, Straight
Number of contacts	8
Contact carriers	Plastic, PC, Transparent
Connector body	Plastic, TPU, Black
Pollution degree	2
Protection class (When coupled)	IP20
	NEMA: 1

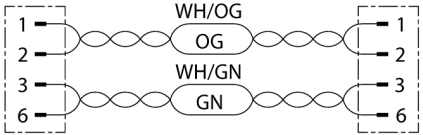
Cable data	
Cable ID	RF51210
Fieldbus	Ethernet, 440
Total number of conductors	4
Cable diameter	Ø 6.1mm
Length (L)	2 m m
Cable jacket	TPE, Teal
Conductor material	TC (tinned copper)
Conductor colors	WH/GN, GN, WH/OG, OG

Description of assembly	UTP (Unshielded Twisted Pair)
Number of pairs	2
Conductor diameter	0.042 "
Conductor insulation material	HDPE
Cable conductor cross-section	2x24 AWG [Similar to 0.25 mm²]
Number of strands x O.D.	7x32AWG

- Cable length: 2.0 m
- RJ45, Male, Straight, 8-pin
- RJ45, Male, Straight, 8-pin
- Unshielded Twisted Pair
- Industrial Ethernet Cable
- fieldbus type: Ethernet CAT5E, TPE jacket, Teal, 2UTPX24 AWG
- -40 Cold Bend Rating
- Flame Ratings: UL 1685, UL1061
- Flexlife® and C-Track Approved



Circuit Diagram



Electrical properties at +20 °C

Rated voltage	42V
Current	1.5AA

Mechanical and chemical properties

Bending radius (static)	≥ 4 x Ø
Bending radius (dynamic)	≥ 10 x Ø
Bending radius (C-track)	≥ 4 In.
Bending cycles (C-track)	35 Million *
Torsional stress	± 270 °/m
Torsion rating	Max. 3 million
Torsional stress	52 Cycles/min
UL cold bend rating	-40 °C

*When properly installed @ 20°C, 50%RH, and a cycle speed of ≤0.5 cycles per second.

C-Track	Yes
Ambient temperature range (static)	-40...+80°C
Ambient temperature range (dynamic)	5...+80°C
Temperature range (installation)	-10...+80 °C

Approval

Note

- Flex ratings may be reduced if used in extreme temperatures, exposure to certain chemicals, operating above the rated cycle speed, or operating below the rated cable bend radius.

- We reserve the right to make technical alterations without prior notice.