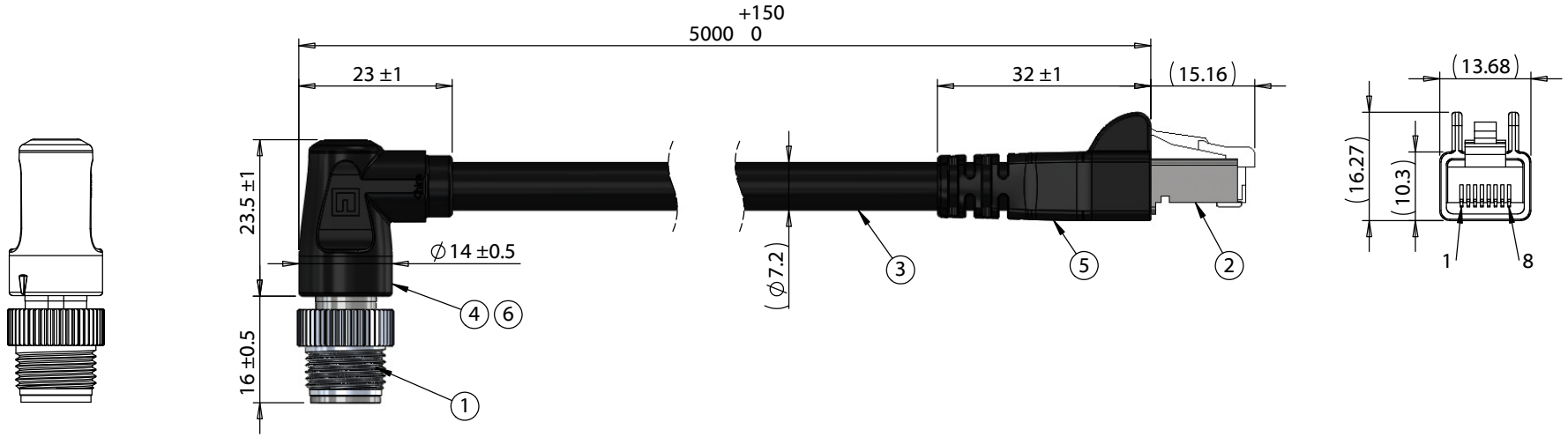
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	COMPONENT NOTES
1	50-00993	Connector, 8 pin M12 X-code plug, 12xL38.6mm, gold plated, molding style, solder cup, IP67, shielded	1	
2	50-00995	Connector, 8P8C RJ45 plug, IDC, CAT6a, shielded	1	
3	30-01713	Wire, 4PR BC, 24 AWG, CAT6a SF/UTP, UL20387, 300V, 105C, 60C oil, UV, 7.2 mm, shielded, VW-1, PVC	1	
4	24-00464	Overmold, M12 X-code plug and jack, 90°	1	PVC, black, 60 °C oil and UV resistant
5	24-00362	Overmold, RJ45 plug	1	PVC, black, 60 °C oil and UV resistant
6	Copper tape	Copper foil shielding tape	1	shield between wire and connector

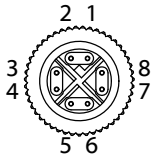


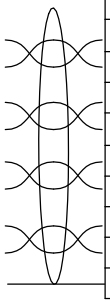
Notes:
Cable rated for 50 Vac / 60 Vdc, 0.5 A
Temperature: -25 ~ 105 °C
Signal: Ethernet CAT6a, 10 Gbps

Wire:
Oil resistant up to 60 °C
Water resistant up to 75 °C
UV resistant

IP67 waterproof rating when M12 connector mated with corresponding (IP67) M12 connector

Functionally equivalent components may be substituted





50-00993	Wiring Diagram wire color	50-00995
1	orange/white	1
2	orange	2
3	green/white	3
4	green	6
5	brown/white	7
6	brown	8
7	blue/white	5
8	blue	4
Shell	shield	Shell

Revision:	Date:	Description:
A	02/24/2026	Initial release

Prepared: CR Digitally signed by CR Date: 2026.03.10 14:59:08 -07'00'

Verified: KW Digitally signed by KW Date: 2026.07.24 16:45:53 -07'00'

Dimensions are in millimeters.
Tolerances:
X: ± 0.5 mm
X.X: ± 0.3 mm
X.XX: ± 0.05 mm

Notes:
RoHS compliant

Function test: no open, no short circuit, no intermittent

Description:
Cable, 5000 mm, 8 pin 50-00993 M12 X-code 90° plug to 8P8C 50-00995 RJ45 plug, CAT6a, 24 AWG, 30-01713

TENSILITY
tel 1.541.323.3228 800 877.670.7118
fax 1.541.323.4202 web tensility.com

Size: A
Part number: 10-06562
Scale: 1:1
Sheet 1 of 1

To see a custom version of this cable assembly, call Tensility at 541-323-3228 or email engineering@tensility.com

5 4 3 2 1