



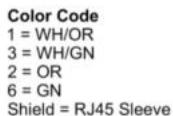
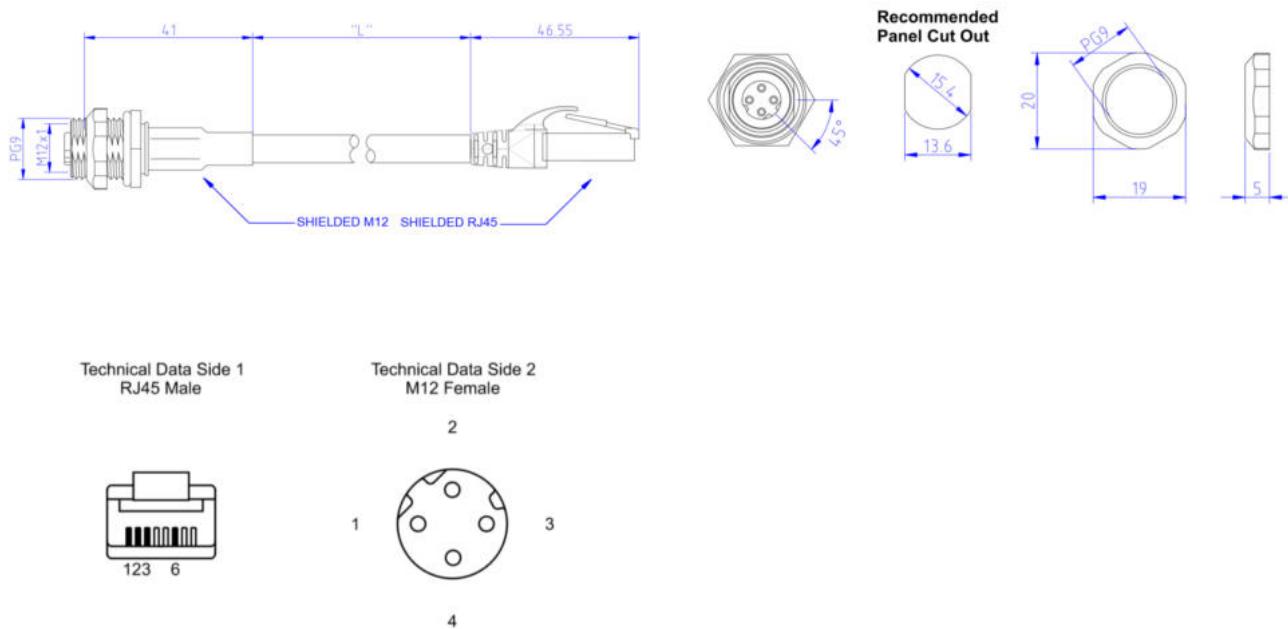
## Product: [0985 YM57530-Y 104](#)

Fast Ethernet Cat5e, double-ended cord set, RJ45 male, straight, 8-pin to a M12 female, PG9 panel rear mount, 4-pin, D-coding, 24 AWG TPE cable, stranded/shielded, 2 twisted bonded pairs with yellow jacket

### Product Description

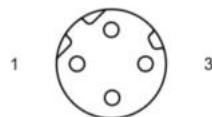
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### Technical Drawing



Technical Data Side 2  
M12 Female

2



3

4



Color Code	
1	= WH/OR
3	= WH/GN
2	= OR
6	= GN
Shield	= RJ45 Sleeve

### Technical Specifications

#### Product Description

Product Family:	Data Connectors
Brand:	Lumberg Automation
Connector Type:	Cordset, double ended
Shielding:	Shielded
Rated Voltage:	42 V
Rated Impulse Voltage:	1.5 kV
Operating Voltage:	30 V AC/ 42 V DC

Rated Current*:	1.5 A
Data Transmission:	Fast Ethernet Cat5e
Data Transmission Rate:	100 Mbit/s

### Technical Data Side 1

Product Sub Family:	RJ45
Type of Contact / Gender:	Male
Connector Design:	Straight
Attachment Type:	Plug
Number of Pins:	8 (4 terminated)
Coding:	RJ45
Mating Cycles:	≤ 750
Ambient Temperature (Operation)*:	- 40 °C - + 70 °C
Protection Degree / IP Rating**:	IP20
Contact Base Material:	P / CuSn
Contact Plating:	Au
Contact Bearer Material:	Polycarbonate
Contact Bearer Color:	Clear
Molded Body Material:	Elastomer Polyolefin
Molded Body Color:	Black

### Cable Data

Cable Number:	YM57530-Y
Conductor Size:	24 AWG
Number of Wires:	2 Pair (bonded twisted pairs)
Minimal Bending Radius (Fixed Inst.):	5 x D
Minimal Bending Radius (Flexible Inst.):	10 x D
Cycles (Bending):	3
Cycles (Torsion):	> 5 M @ ± 360 °/1 m
Cable Jacket Material:	TPE
Cable Jacket Color:	Yellow
Cable Diameter D:	ø 7.62 mm
Wire Insulation Material:	Polyolefin
Insulated Wire Diameter:	ø 1.02 ± 0.05 mm
Overall Shield (Cable):	TC Braid 65%
Foil shield:	Al Foil 100%
Ambient Temperature (Fixed Installation):	- 40 °C - + 75 °C
Ambient Temperature (Flex Installation):	- 25 °C - + 75 °C
Ambient Temperature (Drag Chain Inst.):	- 25 °C - + 60 °C
UL Cable Type:	AWM 20626, 80C 600 V
Cable Characteristics:	NEMA WC-63.1 Category 5, IEC6 661, Category 5e Patch, TIA/EI-568-B.2, Category 5e, Indoor/Outdoor Yes, Oil Resistant
Core Colors:	Bonded Twisted pairs: wh/or   wh/gn

### Technical Data Side 2

Product Sub Family, Side 2:	M12 Standard
Type of Contact / Gender, Side 2:	Female
Connector Design, Side 2:	Panel Mount PG9 Rear Mount
Attachment Type, Side 2:	Internally Threaded
Number of Pins, Side 2:	4
Coding, Side 2:	D
Mating Cycles, Side 2:	≤ 100
Ambient Temperature (Operation), Side 2*:	- 25 °C - + 75 °C
Protection Degree / IP Rating, Side 2**:	IP65, IP67
Design Standard, Side 2:	IEC 61076-2-101
Pollution Degree, Side 2:	3 acc. to DIN EN 60664-1 (VDE 0110-1)
Overvoltage Category, Side 2:	III acc. to DIN EN 60664-1 (VDE 0110-1)
Contact Base Material, Side 2:	CuSn

Contact Plating, Side 2:	Cu/Au
Contact Bearer Material, Side 2:	PBT
Contact Bearer Color, Side 2:	Black
Flammability Class (Contact Bearer), Side 2:	UL 94 HB
Molded Body Material, Side 2:	CuSn, Nickled Plated
Molded Body Color, Side 2:	Sliver
Shielding Material, Side 2:	CuZn, tin-plated
Fastening Torque (Attachment), Side 2:	M 12x1: (50-60) Ncm, hand-tight

## Safety & Environmental Compliance

RoHS Compliant:	Yes
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## Resistances

Oil Resistance:	Yes
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## Notes

Note Derating:	Notice derating
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## History

Update and Revision:	Revision Number: 0.18 Revision Date: 04-25-2023
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## Variants

Item #	Item Description	Cable Length
900005169	0985 YM57530-Y 104/1M	1 m
900005170	0985 YM57530-Y 104/2M	2 m

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