

Additional Resources: Product Page

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## SERIES: CDM1258 | DESCRIPTION: M12 CABLE

#### FEATURES

- M12 molded male cable connector
- D code
- straight
- IP67
- 0.5, 1, 2, 3, & 5 meter length options





## **SPECIFICATIONS**

parameter	conditions/description	min	typ	max	units
rated voltage				60	V
rated current				1.5	А
withstanding voltage	for 1 minute		1,500		Vac
contact resistance				10	mΩ
insulation resistance	at 500 Vdc for 1 minute	100			MΩ
insertion/withdrawal force		0.3		3.0	kgf
operating temperature		-25		80	°C
life		100			cycles
safety approvals	compliant with IEC61076-2-101				
flammability rating	see material table				
RoHS	yes				
IP level	M12: IP67 (in mated condition) RJ45: IP20				

### PART NUMBER KEY

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<u>CDM1258</u> - 04D - 01MST - <u>XXX</u> - RJ45 - 67

/ Base Number

Cable Length: 05M = 0.5 m 1M = 1 m 2M = 2 m 3M = 3 m 5M = 5 m

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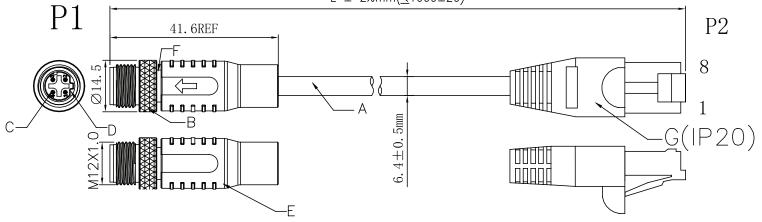
#### **MECHANICAL DRAWING**

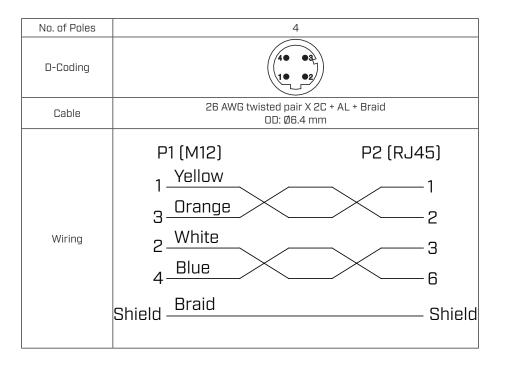
units: mm tolerance: 0.5<X≤6.0: ±0.1 mm 6.0<X≤30.0: ±0.2 mm unless otherwise noted

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ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
А	cable	CAT5 (100 Mbps), UL2464, 26 AWG PVC jacket	
В	M12x1.0 screw	brass	nickel
С	terminals; male	brass	gold
D	housing; male	PA66 (UL94V-0)	black
Е	overmold	UL20549 PUR	black
F	shield pipe	brass	nickel
G	connector	RJ45 8PIN shield shell	black

 $L \pm 2\% mm (\le 1000 \pm 20)$ 





#### **REVISION HISTORY**

rev.	description	date	
1.0	initial release	05/15/2024	
1.01	CUI Devices rebranded to Same Sky	09/12/2024	

The revision history provided is for informational purposes only and is believed to be accurate.

Same Sky offers a one (1) year limited warranty. Complete warranty information is listed on our website.

# same sky

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