

**SERIES:** CDM1256 | **DESCRIPTION:** M12 CABLE**FEATURES**

- M12 molded male cable connector
- D code
- right-angle
- 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	A
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	IP67 (in mated condition)				

PART NUMBER KEY**CDM1256 - 04D - 01MRA - XXX - 67**

Base Number

Cable Length:

05M = 0.5 m

1M = 1 m

2M = 2 m

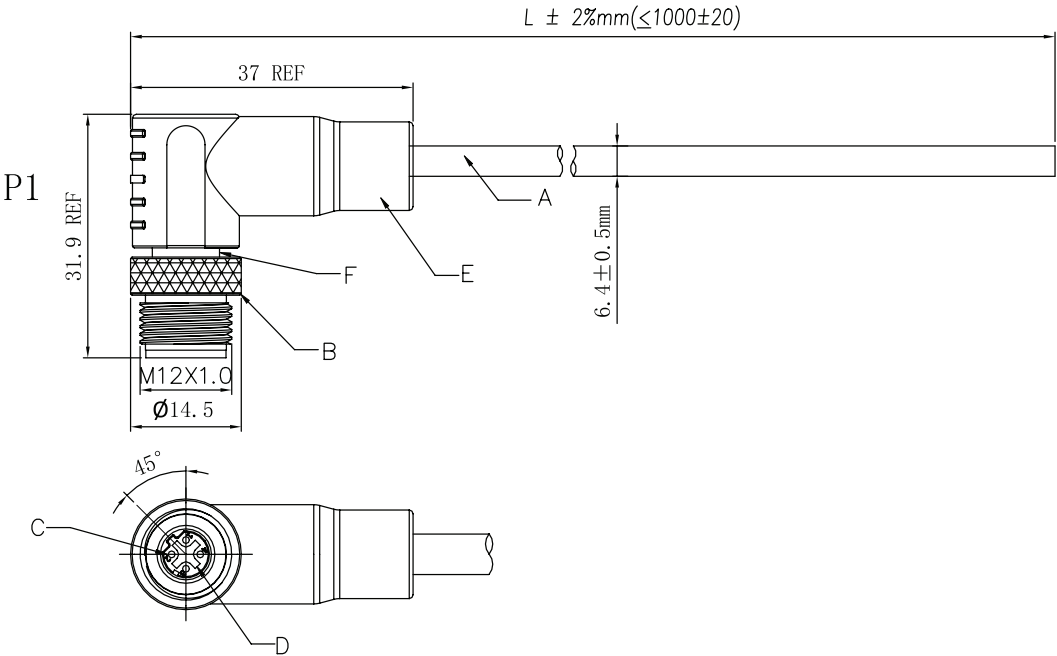
3M = 3 m

5M = 5 m

MECHANICAL DRAWING

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

ITEM	DESCRIPTION	MATERIAL	PLATING/COLOR
A	cable	CAT5 (100 Mbps), UL2464, 26 AWG PVC jacket	
B	M12x1.0 screw	brass	nickel
C	terminals; female	brass	gold
D	housing; female	PA66 (UL94V-0)	black
E	overmold	UL20549 PUR	black
F	shield pipe	brass	nickel



No. of Poles	4										
D-Coding											
Cable	26 AWG twisted pair X 2C + AL + Braid OD: $\phi 6.4$ mm										
Wiring	P1 <table><tr><td>1 Yellow</td><td>TD+</td></tr><tr><td>3 Orange</td><td>TD-</td></tr><tr><td>2 White</td><td>RD+</td></tr><tr><td>4 Blue</td><td>RD-</td></tr><tr><td>Shield Braid</td><td></td></tr></table>	1 Yellow	TD+	3 Orange	TD-	2 White	RD+	4 Blue	RD-	Shield Braid	
1 Yellow	TD+										
3 Orange	TD-										
2 White	RD+										
4 Blue	RD-										
Shield Braid											

REVISION HISTORY

rev.	description	date
1.0	initial release	05/09/2024
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.

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