

PIN #	COLOR
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED

Technical drawing of the MDC-8FR-2 connector. The side view shows a cable with 8 conductors (4 blue, 4 red) entering a clear anodized aluminum shell. The shell has a 1/2-14 NPT threaded section and a hexagonal base. Dimensions include a total length 'L', a threaded section of 11.4 inches (.45 inches thick), and a hexagonal base of 15.4 inches (.61 inches thick). The front view shows the hexagonal base with a 1.00 inch diameter and an M12x1 female thread.

P/N	L
MDC-8FR-2	12" [0.3m]
MDC-8FR-2-0.5M	20" [0.5m]
MDC-8FR-2-0.6M	24" [0.6m]
MDC-8FR-2-1M	40" [1m]
MDC-8FR-2-2M	79" [2m]
MDC-8FR-2-3M	118" [3m]
MDC-8FR-2-4M	157" [4m]
MDC-8FR-2-5M	197" [5m]
MDC-8FR-2-10M	393" [10m]

OTHER LENGTHS AVAILABLE,
PLEASE CONSULT FACTORY

MATERIALS	
SHELL:	CLEAR ANODIZED ALUMINUM
CONTACTS:	GOLD PLATED COPPER ALLOY
WIRES:	
STYLE:	UL 1007/1569
AWG:	24 AWG
JACKET:	PVC
VOLTAGE:	300V
INSERT:	POLYAMIDE
O-RING:	FPM & NBR
NUT:	ZINC PLATED STEEL
APPROVALS	
US:	UL LISTED
CANADA:	C-UL LISTED
ROHS:	YES
CE & UKCA:	YES
RATINGS	
PROTECTION CLASS:	UL TYPE 4 & 12, IEC IP69

FOR PARTS WHERE LENGTH "L" IS 20" [0.5M] OR GREATER,
AN O-RING AND LOCKNUT ARE INCLUDED

UNLESS OTHERWISE SPECIFIED:		DRAWN BY	ADM
DIMENSIONS ARE IN INCHES AND [MM]		DRAWN DATE	07/12/2023
		CHECKED BY	JJH
		CHECK DATE	07/14/2023
		COMMENTS:	
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			

VOLTS	60V
AMPS	2A
TEMP:	105°C

PROPRIETARY AND CONFIDENTIAL
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MENCOM CORPORATION		
TITLE:		
SIZE	DWG. NO.	REV
B	MDC-8FR-2-ZZ	B
SCALE: 2:1	WEIGHT:	SHEET 1 OF 1