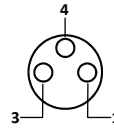


## M8 - Molded Female Cable Assemblies

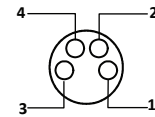
- Female Connector to Flying Lead
- Straight and Angled Connectors
- PVC & PUR Cable
- 3 and 4 pole Connectors
- 1, 2, 5, 10m standard cable length
- Custom cable length available



**Straight Connector**



**Angled Connector**



### Straight Connectors

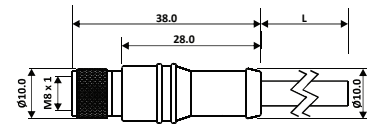
Cable Type	Cable Length	Wire Size	3 Pole Cat No.	4 Pole Cat No.
PVC	1m	24AWG	CBF08-S33N0-01BPVC	CBF08-S44N0-01BPVC
	1m	22AWG	CBF08-S33N0-01BP34	CBF08-S44N0-01BP3
	2m	24AWG	CBF08-S33N0-02BPVC	CBF08-S44N0-02BPVC
	2m	22AWG	CBF08-S33N0-02BP34	CBF08-S44N0-02BP34
	5m	24AWG	CBF08-S33N0-05BPVC	CBF08-S44N0-05BPVC
	5m	22AWG	CBF08-S33N0-05BP34	CBF08-S44N0-05BP34
PUR	1m	24AWG	CBF08-S33N0-01BPUR	CBF08-S44N0-01BPUR
	2m	24AWG	CBF08-S33N0-02BPUR	CBF08-S44N0-02BPUR
	5m	24AWG	CBF08-S33N0-05BPUR	CBF08-S44N0-05BPUR

### Angled Connectors

Cable Type	Cable Length	Wire Size	3 Pole Cat No.	4 Pole Cat No.
PVC	1m	24AWG	CBF08-R33N0-01BPVC	CBF08-R44N0-01BPVC
	1m	22AWG	CBF08-R33N0-01BP34	CBF08-R44N0-01BP34
	2m	24AWG	CBF08-R33N0-02BPVC	CBF08-R44N0-02BPVC
	2m	22AWG	CBF08-R33N0-02BP34	CBF08-R44N0-02BP34
	5m	24AWG	CBF08-R33N0-05BPVC	CBF08-R44N0-05BPVC
	5m	22AWG	CBF08-R33N0-05BP34	CBF08-R44N0-05BP34
PUR	1m	24AWG	CBF08-R33N0-01BPUR	CBF08-R44N0-01BPUR
	2m	24AWG	CBF08-R33N0-02BPUR	CBF08-R44N0-02BPUR
	5m	24AWG	CBF08-R33N0-05BPUR	CBF08-R44N0-05BPUR

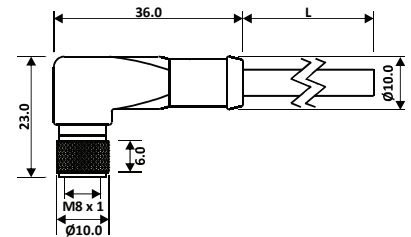
#### Dimensions (mm) /

(to convert to inches multiply by 0.03937)



#### Dimensions (mm) /

(to convert to inches multiply by 0.03937)



## Technical Information

### General Specification

Operating Voltage	60V	30V
Current Rating	4A	4A
Insulation Resistance	$\geq 100 \text{ M}\Omega$	$\geq 100 \text{ M}\Omega$
Temperature Range	$-25^\circ\text{C} \dots +75^\circ\text{C}$	$-25^\circ\text{C} \dots +75^\circ\text{C}$
Protection Degree	IP67	IP67

### Material Specification

Grip Material	PU	PU
Contact	CU-Zn	CU-Zn
Contact Plating	Gold Plated	Gold Plated
Contact Carrier	Nylon 66	Nylon 66
O-Ring	Neoprene	Neoprene
Grip Color	Black	Black
Coupling Nut	Nickel-Plated Brass	Nickel-Plated Brass

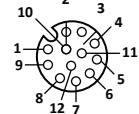
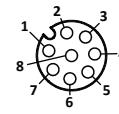
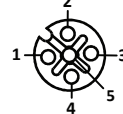
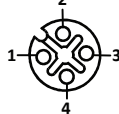
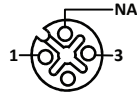
### Cable Specifications

Cable Type	PVC/ PUR	PVC/ PUR
Cable Color	Black*	Black*
Wire Size	22AWG (BP34) 24AWG (BPVC, BPUR)	22AWG (BP34) 24AWG (BPVC, BPUR)
Cable Diameter	4.4mm	4.8mm

\*Other colors available, please contact Altech.

**M12 Molded Female Cable Assemblies**

- Female Connector to Flying Lead
- Straight and Angled Connectors
- PVC & PUR Cable
- 3, 4, 5, 8 and 12 pole Connectors
- 1, 2, 5, 10m standard cable length
- Custom cable length available



**Straight Connector**

Cable Type	Cable Length	3 Pole Cat No.	4 Pole Cat No.	5 Pole Cat No.	8 Pole Cat No.	12 Pole Cat No.
PVC	1m	CBF12-S43N0-01BPVC	CBF12-S44N0-01BPVC	CBF12-S55N0-01BPVC	CBF12-S88N0-01BPVC	CBF12-S12N0-01BPVC
	1m	CBF12-S43N0-01BP34	CBF12-S44N0-01BP34	CBF12-S55N0-01BP34	-	-
	2m	CBF12-S43N0-02BPVC	CBF12-S44N0-02BPVC	CBF12-S55N0-02BPVC	CBF12-S88N0-02BPVC	CBF12-S12N0-02BPVC
	2m	CBF12-S43N0-02BP34	CBF12-S44N0-02BP34	CBF12-S55N0-02BP34	-	-
	5m	CBF12-S43N0-05BPVC	CBF12-S44N0-05BPVC	CBF12-S55N0-05BPVC	CBF12-S88N0-05BPVC	CBF12-S12N0-05BPVC
	5m	CBF12-S43N0-05BP34	CBF12-S44N0-05BP34	CBF12-S55N0-05BP34	-	-
PUR	1m	CBF12-S43N0-01BPUR	CBF12-S44N0-01BPUR	CBF12-S55N0-01BPUR	CBF12-S88N0-01BPUR	CBF12-S12N0-01BPUR
	2m	CBF12-S43N0-02BPUR	CBF12-S44N0-02BPUR	CBF12-S55N0-02BPUR	CBF12-S88N0-02BPUR	CBF12-S12N0-02BPUR
	5m	CBF12-S43N0-05BPUR	CBF12-S44N0-05BPUR	CBF12-S55N0-05BPUR	CBF12-S88N0-02BPUR	CBF12-S12N0-05BPUR

**Angled Connector**

PVC	1m	CBF12-R43N0-01BPVC	CBF12-R44N0-01BPVC	CBF12-R55N0-01BPVC	CBF12-R88N0-01BPVC	CBF12-R12N0-01BPVC
	1m	CBF12-R43N0-01BP34	CBF12-R44N0-01BP34	CBF12-R55N0-01BP34	-	-
	2m	CBF12-R43N0-02BPVC	CBF12-R44N0-02BPVC	CBF12-R55N0-02BPVC	CBF12-R88N0-02BPVC	CBF12-R12N0-02BPVC
	2m	CBF12-R43N0-02BP34	CBF12-R44N0-02BP34	CBF12-R55N0-02BP34	-	-
	5m	CBF12-R43N0-05BPVC	CBF12-R44N0-05BPVC	CBF12-R55N0-05BPVC	CBF12-R88N0-05BPVC	CBF12-R12N0-05BPVC
	5m	CBF12-R43N0-05BP34	CBF12-R44N0-05BP34	CBF12-R55N0-05BP34	-	-
PUR	1m	CBF12-R43N0-01BPUR	CBF12-R44N0-01BPUR	CBF12-R55N0-01BPUR	CBF12-R88N0-01BPUR	CBF12-R12N0-01BPUR
	2m	CBF12-R43N0-02BPUR	CBF12-R44N0-02BPUR	CBF12-R55N0-02BPUR	CBF12-R88N0-02BPUR	CBF12-R12N0-02BPUR
	5m	CBF12-R43N0-05BPUR	CBF12-R44N0-05BPUR	CBF12-R55N0-05BPUR	CBF12-R88N0-05BPUR	CBF12-R12N0-05BPUR

**Technical Information**

**General Specification**

Operating Voltage	250V	250V	60V	30V	30V
Current Rating	4A	4A	4A	2A	2A
Insulation Resistance	>=100 MΩ	>=100 MΩ	>=100 MΩ	>=100 MΩ	>=100 MΩ
Temperature Range	-25°C...+75°C	-25°C...+75°C	-25°C...+75°C	-25°C...+75°C	-25°C...+75°C
Protection Degree	IP67	IP67	IP67	IP67	IP67

**Material Specification**

Grip Material	PU	PU	PU	PU	PU
Contact	CU-Zn	CU-Zn	CU-Zn	CU-Zn	CU-Zn
Contact Plating	Gold Plated	Gold Plated	Gold Plated	Gold Plated	Gold Plated
Contact Carrier	Nylon 66	Nylon 66	Nylon 66	Nylon 66	Nylon 66
O-Ring	Neoprene	Neoprene	Neoprene	Neoprene	Neoprene
Grip Color	Black	Black	Black	Black	Black
Coupling Nut	Nickel-Plated Brass	Nickel-Plated Brass	Nickel-Plated Brass	Nickel-Plated Brass	Nickel-Plated Brass

**Cable Specification**

Cable Type	PVC/ PUR	PVC/ PUR	PVC/ PUR	PVC/ PUR	PVC/ PUR
Cable Color	Black*	Black*	Black*	Black*	Black*
Wire Size	22AWG (BP34, BPUR), 24AWG (BPVC)	22AWG (BP34, BPUR), 24AWG (BPVC)	22AWG (BP34, BPUR), 24AWG (BPVC)	24 AWG	26 AWG
Cable Diameter	4.8mm	4.8mm	5.5mm	6.4mm	6.5mm

\*Other colors available, please contact Altech.

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