

## **CLIFFCON® 68**

Cliffcon68 is an IP68 rated multipin connector for waterproof and rugged applications.

#### **FEATURES**

- Panel hole cut-out size: 13mm
- IP68 for under water, outdoor and indoor
- CE & ROHS approval
- 2 to 9 gold-plated contacts (no 8 pin version)
- Sealing cap available for socket. Sold separately.

#### **SPECIFICATION**

Coupling Type Threaded coupling

IP Rating IP68

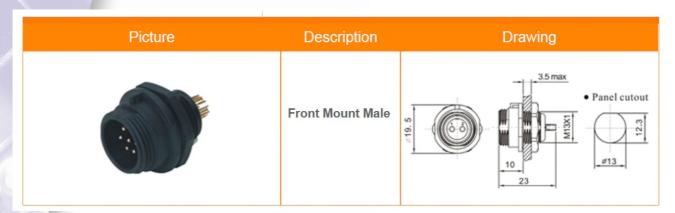
Material Plastic Shell

Nylon66, fire resistance: V-0

Insert material PPS max temperature 260°C, fire resistance:V-0

Contact material Brass with gold plating

Termination Solder
Cable OD 5-8mm
Mating cycle > 500
Temperature range  $-25\sim+85$ °C
Insulation resistance 2000MΩ



Picture	Description	Drawing
	Cable Connector Female	18 43 48

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Number of contact	2	3	4	5	6	7	9
Male contact face view	( ·	( • • • • • • • • • • • • • • • • • • •		(111)	(2010) (000)		
Rated current (A)	13A	13A	5A	5A	5A	5A	3A
Contact diameter	Ø 1.6X2	Ø1.6X3	Ø 1X4	Ø1X5	Ø1X8	Ø 1X7	Ø 07X9
Rated voltage (AC,V)	250V	250V	200V	180V	125V	125V	125V
Test voltage(AC.V) I min	1500V	1500V	1500V	1000V	1000V	1000V	1000V
Contact resistance ≈0	2	2	5	5	5	5	10
Wire size un / AWG	≤2/14	≤2/14	≤0.785/18	≤0.785/18	<0.785/18	≤0.785/18	≤0.785/1

PART No.	DESCRIPTION	No PINS	CABLE OD
FM686802	CLIFFCON68 MALE PANEL SOCKET 2 PIN	2	N/A
FM686803	CLIFFCON68 MALE PANEL SOCKET 3 PIN	3	N/A
FM686804	CLIFFCON68 MALE PANEL SOCKET 4 PIN	4	N/A
FM686805	CLIFFCON68 MALE PANEL SOCKET 5 PIN	5	N/A
FM686806	CLIFFCON68 MALE PANEL SOCKET 6 PIN	6	N/A
FM686807	CLIFFCON68 MALE PANEL SOCKET 7 PIN	7	N/A
FM686809	CLIFFCON68 MALE PANEL SOCKET 9 PIN	9	N/A
PART No.	DESCRIPTION	No PINS	CABLE OD
FM686812	CLIFFCON68 FEMALE PLUG 2 PIN	2	5-8mm
FM686813	CLIFFCON68 FEMALE PLUG 3 PIN	3	5-8mm
FM686814	CLIFFCON68 FEMALE PLUG 4 PIN	4	5-8mm
FM686815	CLIFFCON68 FEMALE PLUG 5 PIN	5	5-8mm
FM686816	CLIFFCON68 FEMALE PLUG 6 PIN	6	5-8mm
FM686817	CLIFFCON68 FEMALE PLUG 7 PIN	7	5-8mm
FM686819	CLIFFCON68 FEMALE PLUG 9 PIN	9	5-8mm
PART No.	DESCRIPTION	No PINS	CABLE OD
FM686800	CLIFFCON68 SOCKET CAP	N/A	N/A