

# TECHNICAL SPECIFICATION

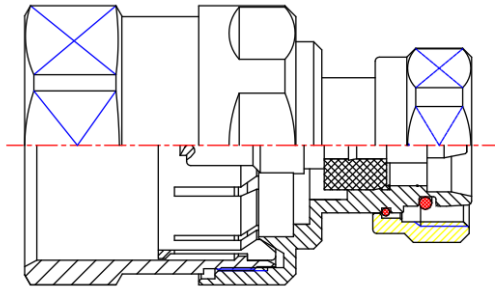
## Connectors

A	April 25, 2024	Vivian	Mr.Gu	Hugo
Version	Date	Prepared	Reviewed	Approved

No.	Description	ZTT code
1	7/8" 4.3-10 Type Male Connector	4310M-22
2	7/8" 4.3-10 Type Female Connector	4310F-22

## 7/8" 4.3-10 Type Male Connector (4310M-22)

### 1. Description



RF connector with 4.3-10 type is typical type for communication systems.

ZTT connectors have the following features:

- (a) Excellent VSWR Performance
- (b) Fast and Easy Installation
- (c) Waterproof
- (d) Environment Resistance Ensures Long Life and Consistent Performance

Note: The picture is for reference only.

### 2. Electrical Characteristics

Item	Specification	
Characteristic impedance ( $\Omega$ )	50 $\pm$ 2	
Frequency range (GHz)	0~5	
VSWR	0-2GHz	1.036
	2-2.6GHz	1.065
Contact resistance (m $\Omega$ )	Center contact $\leq$ 1, outer contact $\leq$ 1	
Dielectric resistance (M $\Omega$ )	$\geq$ 10000	
PIM3	$\leq$ -155dBc	
Sealing level	IP68	

Note: The tolerance of VSWR shall be  $\pm$ 5%.

### 3. Mechanical Characteristics

Item	Specification
Durability (cycles)	Mating cycles $\geq$ 500

### 4. Environmental Characteristics

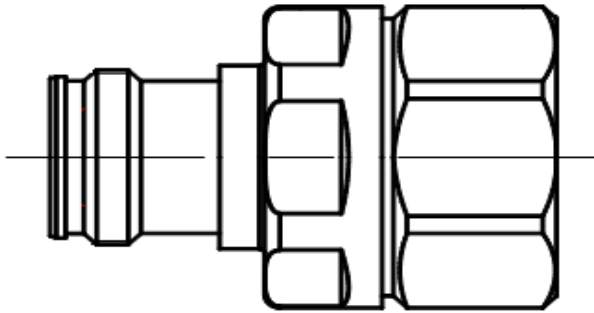
Item	Specification
Operation temperature ( $^{\circ}$ C)	-35~+55
Installation temperature ( $^{\circ}$ C)	-25~+55
Storage temperature ( $^{\circ}$ C)	-40~+50

### 5. Marking

Printed with manufacturer name and product model

## 7/8" 4.3-10 Type Female Connector (4310F-22)

### 1. Description



RF connector with 4.3-10 type is typical type for communication systems.

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Note: The picture is for reference only.

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