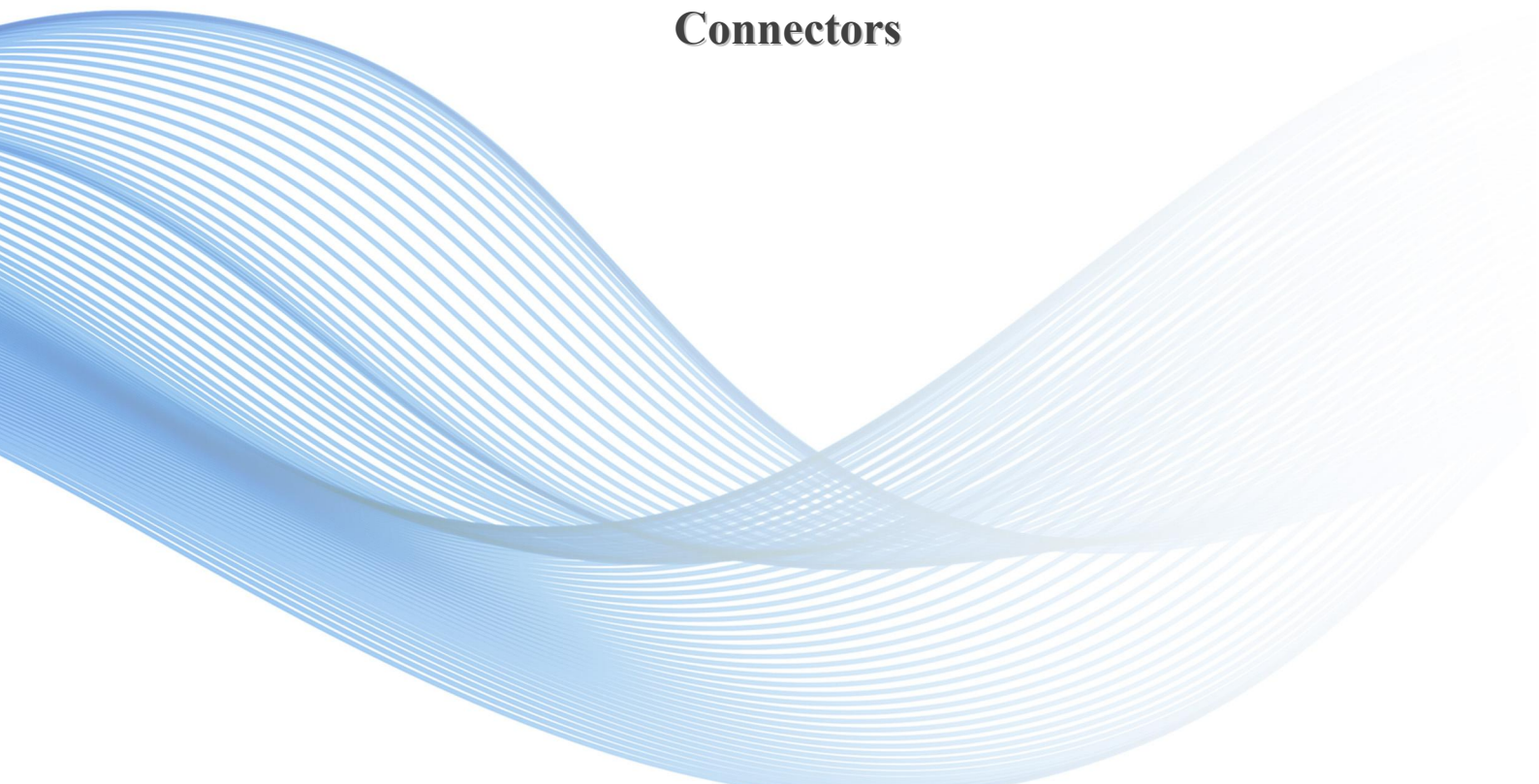


# TECHNICAL SPECIFICATION

## Connectors



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<b>Version</b>	<b>Date</b>	<b>Prepared</b>	<b>Reviewed</b>	<b>Approved</b>

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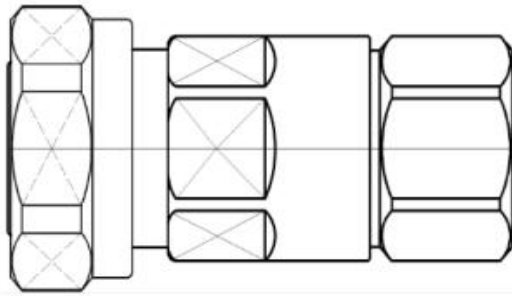
Tel: +86-513-89191138 Fax: +86-513-8359 9670 Zip code: 226010 Website: [www.zttcable.com](http://www.zttcable.com)



<b>No.</b>	<b>Description</b>	<b>ZTT code</b>
14	1/2”S 4.3-10 Type Male Connector	4310M-9

# 1/2”S 4.3-10 Type Male Connector(4310M-9)

## 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)	0~3.8
VSWR	$\leq$ 1.20
Contact resistance (m $\Omega$ )	Center contact $\leq$ 1, outer contact $\leq$ 0.6
Dielectric resistance (M $\Omega$ )	$\geq$ 5000
PIM (dBc)	-155

## 3. Mechanical Characteristics

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

## 4. Environmental Characteristics

Item	Specification
Temperature range ( $^{\circ}$ C)	-40~+85
Thermal Shock Test Method	IEC 60068-2-27/GB/T 2423.5
Vibration Test Method	IEC 60068-2-6/GB/T 2423.10
Salt Mist Test Method	IEC 60068-2-11/GB/T 2423.17(48H,Neutral)