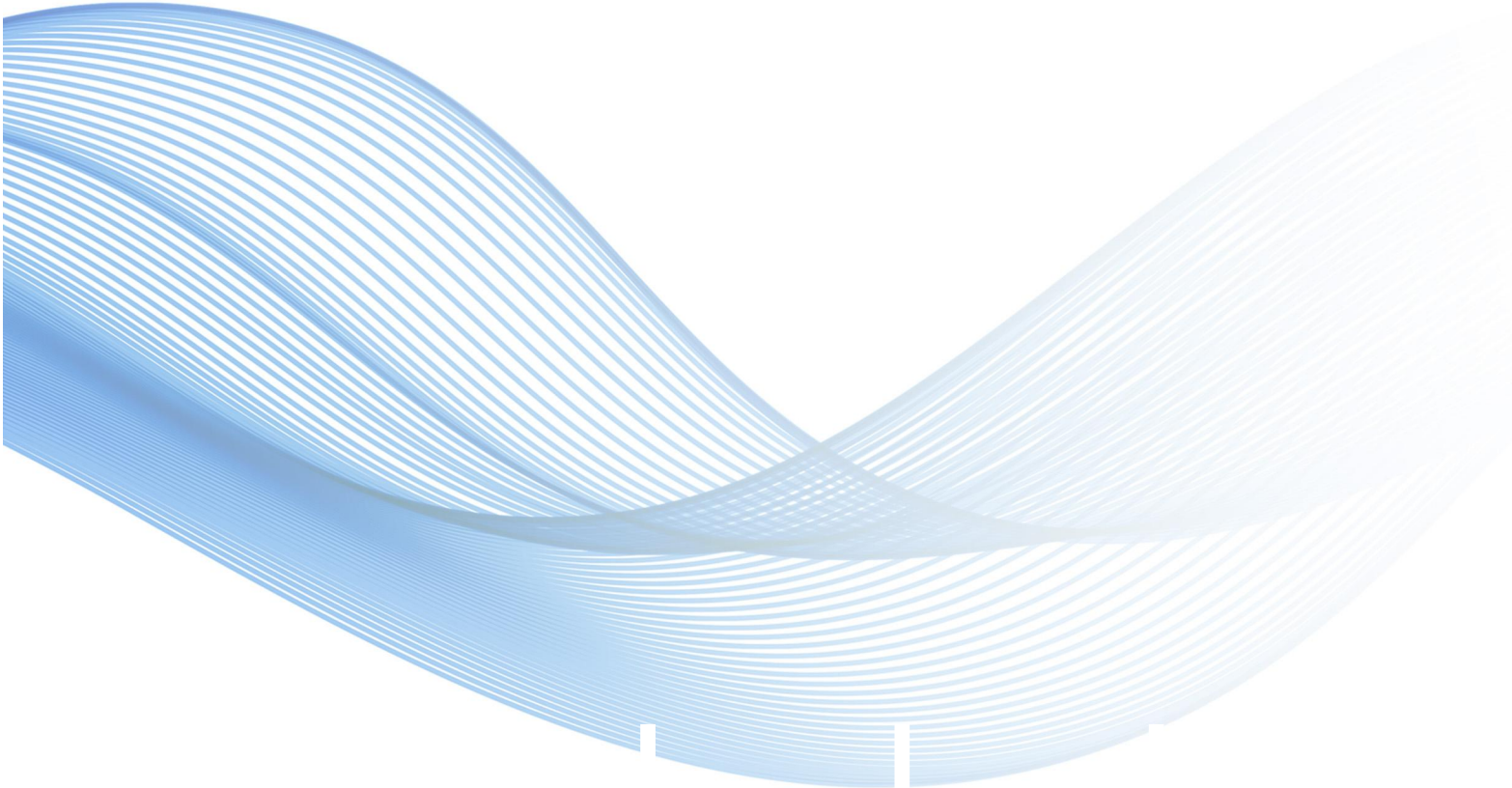


TECHNICAL SPECIFICATION

Connectors



A	November 1, 2023	Alan	Mr.Gu	Hugo
Version	Date	Prepared	Reviewed	Approved

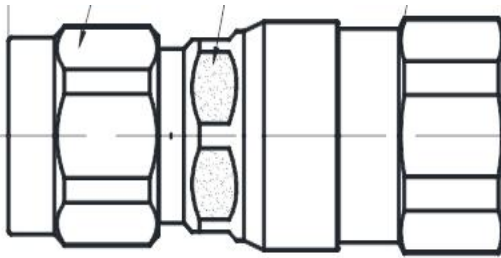
Address: No.5, Zhongtian road, Nantong economic and technological development zone, Jiangsu Province, China

Tel: +86-513-89191138 Fax: +86-513-8359 9670 Zip code: 226010 Website: www.zttcable.com

No.	Description	ZTT code
6	1/2" N Type Male Connector	NM-12
13	1/2" 4.3-10 Type Male Connector	4310M-12

1/2" N Type Male Connector (NM-12)

1. Description



RF connector with N 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 (Ω)	50 \pm 2
Frequency range (GHz)	0~3.8
VSWR	\leq 1.20
Contact resistance (m Ω)	Center contact \leq 1, outer contact \leq 0.25
Dielectric resistance (M Ω)	\geq 5000
PIM (dBc)	-155

3. Mechanical Characteristics

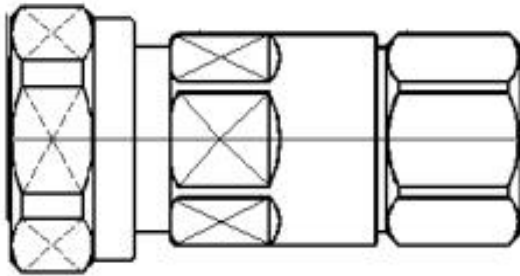
Item	Specification
Durability (cycles)	Mating cycles \geq 500

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)

1/2" 4.3-10 Type Male Connector(4310M-12)

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 (Ω)	50±2
Frequency range (GHz)	0~3.8
VSWR	≤1.20
Contact resistance (m Ω)	Center contact≤1, outer contact≤0.6
Dielectric resistance (M Ω)	≥5000
PIM (dBc)	-155

3. Mechanical Characteristics

Item	Specification
Durability (cycles)	Mating cycles≥500

4. Environmental Characteristics

Item	Specification
Temperature range (°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)