



Frequency: 698-2700 MHz

Connector: Port1: 4.3-10; Port2: 4.3-10; Port DC: RS485(8-pin)/AISG

Power Rating: 500W | **PIM:** ≤ -160 dBc | **IP Rating:** IP67

| **Usage:** Indoor and Outdoor

OVERVIEW

BRIDGE BIAS-T can be used to supply bias currents or bias voltages for active devices, such as amplifiers, laser diodes, photodiodes, or optical modulators, while allowing high-speed, ultra-wideband signals with minimal signal attenuation transmission.

KEY FEATURES

- AISG modem inside
- Feeding DC to supply cable
- Built-in lightning protection
- Support AISG1.0 and AISG2.0
- Port 1=Port for BTS or Antenna
- Port 2=Port for Feeder Cable
- Port DC/AISG=Port for DC and AISG
- Low PIM performance
- Connector can be customized
- High DC voltage

ORDERING INFORMATION

Port1-Port2-Port DC/AISG	Part Number
4.3-10(M)-4.3-10(F)-RS485(F)	24-UEAFEY70-01
4.3-10(M)-4.3-10(F)-RS485(M)	24-UEAFEZ70-01
4.3-10(F)-4.3-10(M)-RS485(F)	24-UEAEFY70-01
4.3-10(F)-4.3-10(M)-RS485(M)	24-UEAEFZ70-01

Product Pictures



TECHNICAL DATA

Electrical Specifications		
Frequency Range		698-2700 MHz
Insertion Loss	Port1-Port2	≤ 0.2 dB
	Port1-Port2	>65dB
DC Isolation	Port1-Port DC	>65dB
	Port2-Port DC	0
VSWR/Return Loss		≤ 1.22/ -20 dB
PIM : IM3		≤ -160 dBc
Modem Communication		3GPP TS 25.461
Power Consumption		0.6W (typ.)
Power Rating		500W
Input	DC Voltage	8-32 V
	Current Voltage	≤2.5 A
Impedance		50Ω

Mechanical Specifications		
Connectors	Port1 (BTS)	4.3-10 M/F
	Port2 (ANT)	4.3-10 M/F
	Port (DC/AISG)	RS485 M/F (8-pin)
Dimensions		75 x 72 x 48.5mm
Weight		0.65 kg
Color		TBD

Environmental Specifications	
Temperature	-40 to +65 °C
Humidity	≤95%
Lightning Protection	3kA; 10/350 μs pulse
IP Rating	IP67

Installation Specifications	
Installation Method	Wall Mounting