

**Frequency:** 698-2700 MHz

**Connector:** Port 1: DIN; Port 2: DIN; Port DC: RS485(8-pin)/AISG

**Power Rating:** 750W | **PIM:**  $\leq -160$  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.

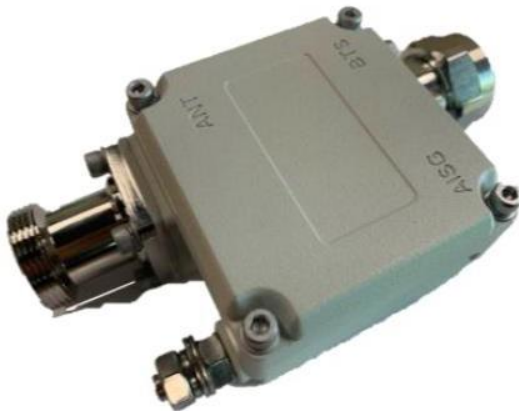
## KEY FEATURES

- 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
- PIM performance
- Connector can be customized
- High DC voltage

## ORDERING INFORMATION

Port1-Port2-Port DC/AISG	Part Number
DIN(M)-DIN(F)-RS485(F)	24-UEADCY7R-01
DIN(M)-DIN(F)-RS485(M)	24-UEADCZ7R-01
DIN(F)-DIN(M)-RS485(F)	24-UEACDY7R-01
DIN(F)-DIN(M)-RS485(M)	24-UEACDZ7R-01

### Product Pictures



## TECHNICAL DATA

Electrical Specifications		
Frequency Range		698-2700 MHz
Loss	Port1-Port2	$\leq 0.2$ dB
DC Isolation	Port1-Port2	$>65$ dB
	Port1-Port DC	$>65$ dB
	Port2-Port DC	0
VSWR/Return Loss		$\leq 1.22/ -20$ dB
PIM : IM3		$\leq -160$ dBc
Modem Communication		3GPP TS 25.461
Power Consumption		0.6W (typ.)
Power Rating		750W
Input	DC Voltage	8-32 V
	Current Voltage	$\leq 2.5$ A
Impedance		50 $\Omega$

Mechanical Specifications		
Connectors	Port1 (BTS)	DIN M/F
	Port2 (ANT)	DIN 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	$\leq 95\%$
Lightning Protection	3kA; 10/350 $\mu$ s pulse
IP Rating	IP67

Installation Specifications	
Installation Method	Wall Mounting