D A T A S H E E T

14-UUYCC3S-O1 | REJECTION FILTER

Frequency: 824-884MHz **|** **Connector:** DIN Female **|** **PIM:** -150dBc **|** **Power :** 100W **|** **AISG by Pass:** Pass
Usage: Indoor & Outdoor

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OVERVIEW

BRIDGE RF Filter utilize the coaxial cavity technology to process the pass band and rejection band signal. Internal signal filtering cavity, dual filtering cavity and multi filtering paths are all as options in sites, which max provide flexible solutions in sites.

BRIDGE RF Filter is using wide band technology to coverage the wide band range signals from 824-884Mhz. Reach -150dBc PIM value by Low PIM and fully plating technology, which is good to provide high data transmission coverage needs. Widely used GSM /WCDMA / LTE network.

In the section of materials selection, Bridge products are all made of good and rugged materials, which make sure long product working life and stable working performance.

FEATURES

- Pass band: 824-884MHz.
- Customized guard band and rejection.
- Built-in lightning protection.
- Wall or pole mounting.
- 4.3-10/Din connector type is optional.
- Single and twins type is optional.
- Up to IP67 full outdoor water-proof.

Product

TECHNICAL DATA

Electrical Specifications

Frequency Range	824-884MHz
Insertion loss	≤.0.35dB @824-839MHz ≤.0.65dB @883-884MHz
Rejection	≥50dB @890-960MHz
Return loss	≤-20dB
PIM : IM3	≤-150dBc
DC/AISG by pass	Pass
Power Rating	100W
Impedance	50Ω

Mechanical Specifications

Connectors	DIN Female
Dimensions	376 x 156 x 80mm
Weight	5.1kg
Color	Gray

Environmental Specifications

Temperature	-20˚C~+65˚C
Humidity	≤95%
IP Rating	IP67, Indoor & Outdoor

Installation Specifications

Mount	Wall / Pole
Pole Diameter	Φ35- Φ125 mm

Unit measurements in mm

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Important Notice: Information contained in this data sheet is believed to be reliable at the date of issue, however accuracy and completeness is not guaranteed. Bridge Components holds the right to change the product specifications without notice.

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