



Data Sheet

S / X - BAND PULSED FERRITE PHASE SHIFTER

HPM-05-SX-PPS-1XX

Technical Data

Type		HPM-05-SX-PPS-1XX
Frequency	GHz	2.850 – 3.005 / 9.295 – 9.305
Insertion Loss	dB	< 0.05
Power Handling	W	Up to 25 MW/p and 6 kW/avg
Switching speed	PRF	300 Hz
Phase tuning	angle	0-440°
Phase step	resolution	<0.5°
Waveguide size	WR	284 / 90
Flanges		All Flanges on request
Leakage rate	mbar*/s	Up to 10 ⁻⁹
Material		On request
Finish		On request
Operating Pressure		4 bar absolut SF6 UHV 10 ⁻⁹ mbar*/s
Operating Temperature		0°C to 35°C

Please Note:

As a result of more stringent legal regulations and judgements regarding product liability, we are obliged to point out certain risks that may arise when products are used under extraordinary operating conditions.

Extraordinary operating conditions, such as heavy icing or exceptional dynamic stress (e.g. strain caused by oscillating support structures), may result in the breakage of a mast mounted device or even cause it to fall to the ground

These facts must be considered during the site planning process.

The installation team must be properly qualified and be familiar with the relevant national safety regulations.

The details given in our data sheets must be followed carefully when installing the devices and accessories.

Terminate unused inputs with a suitable 50-Ohm load.

Any previous datasheet issues have now become invalid.