

Gas barriers are usually employed at the input of one antenna system in order to isolate its weatherproofing from that of the main feeder line.

The gas barriers are flanged terminated and manufactured either with one or two air inlets.

The one-inlet gas barrier is delivered with a copper bypass pipe intended to conduct the pressurized air from the feeder line to the antenna system. The two-inlets gas barrier is utilized to achieve separated gas supply to both antenna and feeder cable.

## Technical Specifications

Impedance	50 Ohm	
Frequency range and bandwidth	DC – 860 MHz	
VSWR	< 1.03:1	
Maximum power handling	According to line size	
Materials	Outer conductor	Bronze or brass
	Inner conductor	Silver plated brass
	Isolators	PTFE
	O-rings	Silicon
	Finishing	Long lasting grey paint
	Screws	Stainless steel
Temperature range	-40°C to +80°C	



## Models

Size	Code	Air inlets	Flanges
7/8"	BP20-020/6247	2	Female
1 5/8"	BP22-022/5038	1	Female
1 5/8"	BP22-022/5071	2	Female
3 1/8"	BP24-024/4702	1	Female
3 1/8"	BP24-024/5104	2	Female
4 1/2"	BP30-030/4779	1	Female
4 1/2"	BP30-030/6114	2	Female
6 1/8"	BP26-026/4622	1	Female
6 1/8"	BP27-026/4625	1	One male / one female

**Other models not displayed in this list are available under request**