BM-0208-4-S

4 x 4 Butler Matrix

A 4 x 4 RF matrix operating from 2.4 to 8 GHz, designed for signal distribution in MIMO test setups and antenna feed networks.

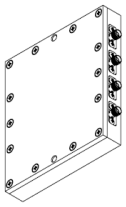
4 inputs / 4 outputs	**2.4-8 GHz**	**SMA female connectors**

RF characteristics

Parameter	Condition	Min.	Typ.	Max.	Unit
Frequency range	-	2400	-	8000	MHz
Impedance	Nominal	-	50	-	Ω
Insertion loss	2.45 GHz	6.5	7	7.5	dB
Insertion loss	6.5 GHz	11	11.5	12	dB
VSWR	-	-	1.8	2	-
Phase accuracy	2.4-2.5 / 4.9-7.125 GHz	-	±7	±10	°
Port-to-port isolation	-	13	15	-	dB
RF input power	-	-	-	2	W

Interfaces and physical information

RF connector	SMA (f)
Mass	260 g



View extracted from the source mechanical drawing.

Applications

- In-band MIMO test setups
- Antenna array feed networks
- Automated RF test systems

Configuration information

Technical values refer to the identified source configuration. The applicable configuration and operating conditions are confirmed at quotation.