

High Power Coaxial Switch 26 to 40 GHz SPDT (Reflective) HSWM22801/2.9-309



The HSWM22801-309 SPDT Broadband Switch covers a wide range of applications in the 26 to 40 GHz band.

The switch uses a low loss microstrip structure and a GaAs MMIC which also offers high RF power handling. Superior performance in a compact size is featured in this design.

The switch is reflective; a non-reflective version is available as model number HSWM22801/2.9-350

Applications include transmit/receive switching, receiver protection, integrated subsystems and general RF switching.

Features and Benefits

- Low Cost MMIC Construction
- 30nS Switching Time
- High Isolation
- Low Loss
- High Power Handling (10W)
- TTL Control

Specifications

Frequency	26.5 - 40.0 GHz
Isolation	30 dB min, 38 dB typ
Insertion Loss	1.3 dB typ, 1.8 dB Max
Power Handling	40 dBm, (10W) Max
Switching Speed	30nS typ (10 to 90% RF & 90 to 10% RF)
Driver Delay	25nS
Bias	+5V @ 35mA, -25V @ 1mA typ*
RF Input/Output	2.9mm female
Bias Connectors	Solder Feedthroughs
Logic Connector	SMA female

*Switch can operate at lower reverse voltage at the sacrifice of input power handling.



VNA data
Coming Soon

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