

Dual 1x6 Microwave (26.5 GHz) Multiplexer

Agilent N2276A

- Quick set-up microwave switching to save integration time
- Modular microwave switching to fit each application
- Can also drive two external microwave attenuators

The 3-slot N2276A module (option 206) provides dual 1 x 6 microwave multiplexers, with excellent insertion loss, isolation and VSWR performance. With option 204, the N2276A becomes a dual 1 x 4 microwave multi-plexers, while keeping all the other features. The modular N2276A can exactly fit your application channel density needs, minimizing the redundant channel, thus offering the most cost effective microwave switching. The SMA connectors on module's front panel are provided for high performance

connections. The N2276A can also drive two external microwave attenuators (Agilent 84904/6/7/K/L).

The N2276A can be used in the testing of cellular phone, cordless phone, mobile radios, cellular base station, broad-band wireless communication transceivers, RFICs, and high-speed digital circuits.

The N2276A can only be operated in SCPI mode when installed in 3499A/C mainframes with firmware 3.0 or later.

Specifications

Total Channels (N2276A)	Dual 1 x 4 (option 204) Dual 1 x 6 (option 206)
Connector	SMA
Frequency range	DC to 26.5 GHz
Insertion loss	0.3 dB + 0.015 dB * frequency (GHz)
Isolation	>100 dB @ 12 GHz; >80 dB @ 15 GHz; >70 dB @ 26.5 GHz
VSWR	<1.2 @ 4 GHz; <1.35 @ 12.4 GHz; <1.45 @ 18 GHz; <1.7 @ 26.5 GHz
Repeatability (5 M cycle @ 25 °C)	< 0.03 dB
Switching time	25 ms
Switch life	5 M cycles

Module Accessories

84904/6/7/K/L	0-11 dB, 0-90 dB, 0-70 dB microwave attenuators (26.5, 40 GHz)
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