

General

The relay-based G2R15 normally-open coaxial switching module provides a high performance, low cost solution for many applications. It is available in four different configurations, and additional special configurations can be made per spec by contacting the factory.

When a port is not selected, it is normally open and not internally terminated. As you can see in the signal diagram, one port is always connected. The dual 1x4 sections are controlled independently.

Ultra-high reliability relay elements (>3,000,000 operations per port) are coupled with control and status circuitry. The module also features hot-swap control technology for easy maintenance.

This specification sheet covers only the G2R15 module with N-Type connectors (50 and 75 ohm). For other connector types, see the #G2R15-001 specification sheet.

For control and DC power, the module must be installed into any G2 type mainframe controller like the G2S400CE, G2S600CE, G2S1200CE or G2S1600CE types. The mainframe must have either the -200 or D200 power supply configuration.

Applications

- ATE systems
- Communication installations
- Antenna routing
- Switching high speed ECL/PECL data
- Satellite control centers
- Ground station IF signal routing

Features

- High reliability passive relay elements
- DC to 3GHz bandpass (min)
- High Performance N-Type connectors
- Hot-Swap module technology
- Rugged aluminum shielded enclosure
- Built-in control and status circuitry

Configurations

Model Number	Configuration	Conn	Impedance
■ G2R15-11X8-25N	Single 1x8	N-Type	50
■ G2R15-21X4-25N	Dual 1x4	N-Type	50
■ G2R15-11X8-27N	Single 1x8	N-Type (75)	75
■ G2R15-21X4-27N	Dual 1x4	N-Type (75)	75



