

Capable of accommodating up to 16 application modules in a four RU space, the OmniStar GX2 Housing is designed for maximum density.

A seventeenth slot in the housing is dedicated for the Control Module (GX2-CM100B) and two additional slots

in the rear accommodate the AC and/or DC power supplies (120/240 Vac or -48 Vdc). A mid-plane interface

provides intermodule communication and power distribution. The rear panel is a configurable blind-mate,

RF back-plane. The OmniStar GX2-HSG offers several options for fiber management. For routing fiber along the front of the equipment rack, an optional shelf door (GX2-SDU*) neatly bundles and organizes 32 or more

fiber strands. For routing

fiber through the rack

and underneath

the housing,

cutouts are

provided in the

housing floor. The

shelf door can be

outfitted with a vacuum

fluorescent display and

navigation buttons for use as a simple

interface for local status monitoring and control.



The optional shelf door with display unit and navigation buttons (shown here) provides both a fiber management solution and a local status monitoring and control interface.



► Features

- **High Module Density**

- Up to 16 application modules in a four rack-unit housing

- **Convenient Plug-n-Play**

- Blind-mate RF adapters on the back-plane
- Simple insertion and removal of modules requires no special tools

- **Configurable**

- Multiple fiber management solutions
- Optional shelf door, with or without display unit
- Optional power supply redundancy

- **Rugged Construction**

- 14- and 16-gauge steel chassis welded for increased stiffness

- **Universal**

- Application modules can be located in any slot
- RF connectors on the back-plane are interchangeable
- Double- and triple-wide modules are accommodated with no modifications



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OMNISTAR® GX2-HSG SPECIFICATIONS

GENERAL

Dimensions	7.0" H x 19" W x 17.7" D 17.8 cm x 48.3 cm x 45.0 cm
Weight	25 lbs. (Housing only)
RF Connectors	F-type, Floating Barrel (standard, shipped with application modules) Other connections available upon request.

ORDERING INFORMATION

Individual Components

MODEL NUMBER	DESCRIPTION
GX2-HSG000N	Housing
GX2-CM100B	Control Module
GX2-PSAC10B	AC Power Supply
GX2-PSDC10B	DC Power Supply
GX2-SDU100B	Shelf Door with Display Unit*
GX2-SDU200B	Shelf Door without Display Unit

*Display unit requires the control module in order to function

Configured Chassis

A configured chassis provides a convenient way to order and receive the OmniStar GX2 platform essentials. Various combinations of the housing, control module, shelf door and power supplies can be ordered in a configured chassis using a single model number. Configured chassis elements are shipped in a master box.

MODEL NUMBER	POWERING	CONTROL MODULE	SHELF DOOR WITH DISPLAY UNIT
GX2-HSG000N	None	No	No
GX2-HSG112A	2 AC supplies	Yes	Yes
GX2-HSG112D	2 DC supplies	Yes	Yes
GX2-HSG111A	1 AC supplies	Yes	Yes
GX2-HSG111D	1 DC supplies	Yes	Yes
GX2-HSG012A	2 AC supplies	Yes	No
GX2-HSG012D	2 DC supplies	Yes	No
GX2-HSG011A	1 AC supplies	Yes	No
GX2-HSG011D	1 DC supplies	Yes	No

For more technical information regarding the latest in optical broadband transmission technology from Motorola, refer to the OmniStar GX2 data sheets.



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