

ARRIS OmniStar GX2-RX200BX2

DUAL RETURN PATH RECEIVER



- High module density: up to 16 receiver modules in a four rack-unit housing allow up to 64 return paths with quad modules
- High Performance: an integrated low-noise preamp and high-performance postamp allows a high RF output level and exceptional distortion performance
- Intelligence-contains high-performance PowerPCmicroprocessor provided by Arris
- Quick-Swap capability-replacement modules are recognized and updated with settings prestored by the control module
- RX200-BX2: user friendly: 2 independent front panel RF test points (one for each receiver) and two gain modes simplify
- Energy efficient

MODEL	DESCRIPTION
GX2-RX200-BX2	Dual return path receiver module, SC/APC optical Connector
GX2-RX200-BX2/E	Dual return path receiver module, E2000 optical Connector

SPECIFICATIONS

OPTICAL	
Optical wavelength	1270 nm - 1610 nm
Optical input power	-16 ... 0 dBm
Optical connector types	SC/APC or E2000 with optical safety shutter
RF	
Operational bandwidth	5 - 200 MHz
Channel loading	35 MHz of data
Maximum gain (@ min. attenuation)	52 dB
Nominal gain (attenuator @ mid setting)	42 dB
Gain control range	20 dB
Output level	+ 52 dBmV @ 0 dBm Einganspegel / Optical input level @ 20 % OMI
Flatness	1,0 dB p-p @ Nominal gain
Output test points (1 for each receiver at RX200-BX2)	- 20 ± 0,5 dB relative to RF output port
Output impedance	75 Ohm
Output return loss	18 dB min.
Connector types	
Outputs	F-type
Test points	F-type
GENERAL DATA	
Dimensions (WxHxD)	2,5 x 15 x 38 cm
Weight	1 kg
Mounting	GX2-HSG* Chassis / Equipment shelf
Operating temperature range	- 20° ... + 65°C
Storage temperature range	- 40° ... + 80°C
Power consumption	17 W. max.
Visual interface	Tri-coloured module status LED
Data/control interface	Serial Peripheral Interface (SPI) to control module