

Foxboro - Foxboro Control Network**RH102AG**

1000Base-SX Multimode SFP Transceiver

Verified model data

Manufacturer	Foxboro
Part number	RH102AG
Transceiver format	SFP
Ethernet standard	1000Base-SX
Fiber type	Multimode fiber
Connector	LC
Nominal wavelength	850 nm
Maximum distance on OM1	275 m
Maximum distance on OM4	550 m
Compatible ports	Documented switch ports supporting SFP or SFP+
Dimensions	

Selection summary

Foxboro RH102AG converts a supported electrical SFP interface into an 850 nm 1000Base-SX optical link.

Its LC duplex connection is intended for multimode fiber, with achievable distance depending on the installed fiber grade and link condition.

The module is used in approved control-network switch ports where reliable Gigabit fiber connectivity is required between cabinets or network nodes.

APTER POWER

Foxboro - Foxboro Control Network**RH102AG****Additional verified data**

Net weight	
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Port Compatibility

- Confirm the switch explicitly supports SFP at 1 Gbit/s
- Match the optic type at both ends of the link
- Preserve the configured network and redundancy role

Fiber Selection

- Use duplex multimode fiber with LC connection
- Check OM1 or OM4 reach against the installed route
- Include patch-panel and connector losses in the link review

Service Checks

- Clean LC end faces before mating
- Verify transmit and receive polarity
- Monitor link and error counters after startup

Application checkpoints

- Gigabit multimode uplinks in Foxboro control networks
- Optical inter-cabinet switch connections
- Replacement of supported 1000Base-SX SFP modules

Evidence boundary: The official network-equipment PSS identifies RH102AG, optical standard, connector, wavelength and fiber distances. It does not provide exact model-specific dimensions or net weight.

Source basis: Official Foxboro network equipment specification identifying RH102AG.