

SCALANCE XR-300 MM991-2 BFOC

Product Data Sheet

6GK5991-2AB00-8AA0

Dual Port Optical Media Module

OPTICAL PORT COUNT	OPTICAL PORT RATE	OPTICAL CONNECTOR TYPE	SUPPORTED OPTICAL MEDIUM
2	100 Mbit/s	ST/BFOC	Multimode fibre

Siemens 6GK5991-2AB00-8AA0 is a dual port optical media module in the SCALANCE XR-300 MM991-2 BFOC range. It is used for optical Industrial Ethernet connections in compatible XR-300 switches in compatible industrial automation projects.

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VERIFIED TECHNICAL DATA

Optical port count	2
Optical port rate	100 Mbit/s
Optical connector type	ST/BFOC
Supported optical medium	Multimode fibre
Optical wavelength	1310 nm
Minimum transmitter power	-19 dBm
Maximum transmitter power	-14 dBm
Maximum receiver input	-3 dBm
Minimum receiver sensitivity	-32 dBm
Permitted optical-link reach	0 to 5 km, fibre-dependent

ADDITIONAL PRODUCT DATA

Operating ambient	-40 to 70 deg C
Storage ambient	-40 to 85 deg C
Relative humidity limit	95%, non-condensing
Enclosure protection	IP20
Calculated MTBF	140 years

DOCUMENTED USE SETTINGS

Industrial Assembly and Component Production: Industrial Assembly and Production.

Electric Power Generation and Energy Production: Electric Power Generation Control.

Mining and Industrial Ore Processing: Mineral Processing and Beneficiation.

SYSTEM COMPATIBILITY

Integrate 6GK5991-2AB00-8AA0 only in the documented SCALANCE XR-300 MM991-2 BFOC configuration. Match the installed interfaces and the engineered application before selecting this dual port optical media module.

PRODUCT EVIDENCE

Siemens 6GK5991-2AB00-8AA0 product technical data; pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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