



**Product:** [1000BASE-EZ](#) 

1G EZ (120km) SFP Transceiver

## Product Description

1G Ethernet SFP transceiver with a typical reach of 120 km

## Technical Specifications

### Product Overview

|                                |                      |
|--------------------------------|----------------------|
| Part Number:                   | V30913-S6-A2         |
| Form Factor:                   | SFP                  |
| Data Rate:                     | 1G                   |
| Fiber Type - Typical Distance: | SM G.653/655 - 120km |
| Wavelength:                    | 1550 nm              |
| Connector:                     | LC                   |
| Minimum Output Power (dBm):    | 0                    |
| Maximum Output Power (dBm):    | 5                    |
| Minimum Input Power (dBm):     | -32                  |
| Maximum Input Power (dBm):     | -8                   |
| Allowed Dispersion (ps/nm):    | 1485                 |

### Power requirements

|                    |      |
|--------------------|------|
| Power consumption: | ≤ 1W |
|--------------------|------|

### Software

|              |                                                                             |
|--------------|-----------------------------------------------------------------------------|
| Diagnostics: | Optical input and output power, transceiver temperature, optical wavelength |
|--------------|-----------------------------------------------------------------------------|

### Ambient conditions

|                                     |                               |
|-------------------------------------|-------------------------------|
| MTBF:                               | 372 Years                     |
| Operating Temperature Range:        | -40°C to 85°C                 |
| Storage Temperature Range:          | -30° to +75°C (-22° to 167°F) |
| Relative humidity (non-condensing): | 0-95 %                        |

### Mechanical construction

|                           |                                                                                                |
|---------------------------|------------------------------------------------------------------------------------------------|
| Compatible XTran Product: | 4-GO-LW, 4-GC-LW, 4-GCB-LW, 9-L3A-L, 9-L3EA-L, XTD-2110-A, XTR-2124-A, XTR-2124-AF, XTR-2124-B |
|---------------------------|------------------------------------------------------------------------------------------------|

### Approvals

|                   |                                                                 |
|-------------------|-----------------------------------------------------------------|
| Laser Protection: | class 1 according to IEC 825-1, IEC60825 and FDA 21 CFR 1040.10 |
|-------------------|-----------------------------------------------------------------|

### Reliability

|            |                                      |
|------------|--------------------------------------|
| Guarantee: | Standard 1 year (extension possible) |
|------------|--------------------------------------|

### Further Instructions

|                        |                                            |
|------------------------|--------------------------------------------|
| Product Documentation: | Available via Belden Solutions Portal site |
| Certificates:          | Available via Belden Solutions Portal site |

### History

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