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## Overview

Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1491nm, 70km, LC)

## Quick Specification

Table 1 shows the Quick Specs.

|                                   |                                                                             |
|-----------------------------------|-----------------------------------------------------------------------------|
| Model                             | SFP-10G-ZCW1491                                                             |
| Part Number                       | 02310SSF                                                                    |
| Description                       | Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1491nm, 70km, LC) |
| Level-1 category                  | 10GE-CWDM SFP+ Optical Modules                                              |
| Connector type                    | LC                                                                          |
| Optical fiber type                | SMF                                                                         |
| Form factor                       | SFP+                                                                        |
| Transmission rate [bit/s]         | 10 Gbit/s                                                                   |
| Target transmission distance [km] | Single-mode fiber: 70 km                                                    |
| Application standard              | 10G-CWDM                                                                    |
| Working case temperature [°C(°F)] | 0°C to 70°C (32°F to 158°F)                                                 |
| Center wavelength [nm]            | 1491                                                                        |
| Maximum Tx optical power [dBm]    | 4.0                                                                         |
| Minimum Tx optical power [dBm]    | 0                                                                           |
| Overload power [dBm]              | -7.0                                                                        |
| Minimum extinction ratio [dB]     | 8.2                                                                         |
| Rx sensitivity [dBm]              | -23.0                                                                       |

Figure 1 shows the appearance.





## Get More Information

Do you have any question about the SFP-10G-ZCW1491 (02310SSF)?

Contact us now via [info@hi-network.com](mailto:info@hi-network.com).

## Specification

| SFP-10G-ZCW1491 Specification       |                                                                             |
|-------------------------------------|-----------------------------------------------------------------------------|
| Basic Information                   |                                                                             |
| Model                               | SFP-10G-ZCW1491                                                             |
| Part Number                         | 02310SSF                                                                    |
| Description                         | Optical Transceiver, SFP+, 10G, Single-mode Module (CWDM, 1491nm, 70km, LC) |
| Level-1 category                    | 10GE-CWDM SFP+ Optical Modules                                              |
| Form factor                         | SFP+                                                                        |
| Application standard                | 10G-CWDM                                                                    |
| Connector type                      | LC                                                                          |
| Optical fiber type                  | SMF                                                                         |
| Working case temperature [°C(°F)]   | 0°C to 70°C (32°F to 158°F)                                                 |
| Transmission rate [bit/s]           | 10 Gbit/s                                                                   |
| Target transmission distance [km]   | Single-mode fiber: 70 km                                                    |
| Transmitter Optical Characteristics |                                                                             |
| Center wavelength [nm]              | 1491                                                                        |
| Maximum Tx optical power [dBm]      | 4.0                                                                         |
| Minimum Tx optical power [dBm]      | 0                                                                           |
| Minimum extinction ratio [dB]       | 8.2                                                                         |
| Receiver Optical Characteristics    |                                                                             |
| Rx sensitivity [dBm]                | -23.0                                                                       |
| Overload power [dBm]                | -7.0                                                                        |

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