

**Table 11-71** SFP-10G-ER-C specifications

| Item                                       | Value                       |
|--------------------------------------------|-----------------------------|
| <b>Basic Information</b>                   |                             |
| Module name                                | SFP-10G-ER-C                |
| Part Number                                | 02312UUH                    |
| Model                                      | SFP-10G-ER-C                |
| Form factor                                | SFP+                        |
| Application standard                       | 10GBASE-ER                  |
| Connector type                             | LC                          |
| Optical fiber type                         | SMF                         |
| Working case temperature [°C(°F)]          | 0°C to 70°C (32°F to 158°F) |
| Digital diagnostic monitoring (DDM)        | Supported                   |
| Transmission rate [bit/s]                  | 10 Gbit/s                   |
| Target transmission distance [km]          | Single-mode fiber: 40 km    |
| <b>Transmitter Optical Characteristics</b> |                             |
| Center wavelength [nm]                     | 1550 nm                     |
| Maximum Tx optical power [dBm]             | 4.0 dBm                     |
| Minimum Tx optical power [dBm]             | -4.7 dBm                    |
| Minimum extinction ratio [dB]              | 3.0 dB                      |

| Item                                    | Value     |
|-----------------------------------------|-----------|
| <b>Receiver Optical Characteristics</b> |           |
| Rx sensitivity [dBm]                    | -14.1 dBm |
| Overload power [dBm]                    | -1.0 dBm  |