

| Model | | M976±0.5-60-F105/22-CK | | |
|-------------------------------------------|-------|------------------------|-------------|-------|
| Optical | Unit | Min | Typical | Max |
| Output Power (exit fiber) | W | 55 | 60 | |
| Central Wavelength | nm | 975.5 | 976 | 976.5 |
| Spectral Width (FWHM) | nm | | ≤ 0.5 | |
| NA with 90% Enclosed Power | - | | 0.18 | |
| Wavelength Temp. Coefficient | nm/°C | | 0.02 | |
| Wavelength Current Coefficient | nm/A | | 0.05 | |
| Fiber | | | | |
| Fiber Core Diameter | µm | 102 | 105 | 108 |
| Fiber Cladding Diameter | µm | 122 | 125 | 128 |
| Numerical Aperture | | 0.20 | 0.22 | 0.24 |
| Bare Fiber Length | m | | 1 or 2 | |
| Electric | | | | |
| Threshold Current | A | | 0.5 | |
| Operating Current | A | | 10.0 | 11.0 |
| Operating Voltage | V | | 13.0 | 14.0 |
| Slope Efficiency | W/A | | 7.0 | |
| Power Conversion Efficiency | % | 45 | 50 | |
| Back Reflection Protection | | | | |
| Wavelength Range | nm | | 1030 – 1100 | |
| Attenuation | dB | | >40 | |
| Absolute Ratings | | | | |
| Operating Temperature (housing baseplate) | °C | | ≤ 30 | |
| Operating Humidity | % | | < 75 | |
| Storage Temperature | °C | | -20 – +80 | |
| Soldering Temperature | °C | | 250 (10s) | |

