

ROITHNER LASERTECHNIK

Technical Specifications

| Model | RLFC-AT30 | RLFC-BT30 |
|-----------------------------------|-----------------|-----------------|
| Operation Mode | cw | cw |
| Maximum Optical Output Power | ≥30 W | ≥30 W |
| Center Wavelength | 938 nm | 978 nm |
| Center Wavelength Variation | 5 nm | 5 nm |
| Typical Spectral Bandwidth (FWHM) | 3 nm | 3 nm |
| Maximum Spectral Bandwidth (FWHM) | 4 nm | 4 nm |
| Typical Operation Current | 42 A | 42 A |
| Maximum Operation Current | 45 A | 43 A |
| Typical Threshold Current | 6 A | 6 A |
| Maximum Threshold Current | 9 A | 8 A |
| Typical Slope | 1.1 W/A | 1.1 W/A |
| Minimum Slope | 1.0 W/A | 1.0 W/A |
| Maximum Operating Voltage | 1.7 V | 1.7 V |
| Fiber core diameter | 400 μm – 600 μm | 400 μm – 600 μm |
| Fiber numerical aperture | 0.22, 0.37 | 0.22, 0.37 |
| Fiber-optic connector | SMA905 | SMA905 |
| Expected Lifetime | >10,000 h | >1 Gshot |

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