Table 1: List of acronyms

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| AOM | Acousto-optic modulator |
| B2B | Back-to-back |
| BER | Bit error rate |
| CD | Chromatic dispersion |
| DP-QPSK | Dual-polarization quadrature phase shift keying |
| DSP | Digital signal processing |
| EVM | Error vector magnitude |
| FDL | Fibre delay line |
| FM-EDFA | Few-mode erbium-doped fibre amplifier |
| FMF | Few-mode fibre |
| FSO | Free-space optical |
| HD-FEC | Hard-decision forward error correction |
| IQ | In-phase and quadrature signals |
| LG | Laguerre-Gaussian |
| LMS | Least mean squares |
| LP | Linearly polarized |
| MDG | Mode dependent gain |
| MDL | Mode dependent loss |
| MDM | Mode-division multiplexing |
| MIMO | Multiple-input multiple-output |
| MMSE | Minimum mean square error |
| MSPL | Mode-selective photonic lantern |
| OAM | Orbital-angular-momentum |
| OSNR | Optical signal-to-noise ratio |
| PC | Polarization controller |
| SIC | Successive interference cancellation |
| TDM | Time-division multiplexing |
| VOA | Variable optical attenuator |