| Technology | Network Data Rate In Gbps | Packet Rate For Small Packets In Kpps | Packet Rate For Large Packets In Kpps |
|---|---|---|---|
| 10Base-T | 0.010 | 19.5 | 0.8 |
| 100Base-T | 0.100 | 195.3 | 8.2 |
| OC-3 | 0.156 | 303.8 | 12.8 |
| OC-12 | 0.622 | 1,214.8 | 51.2 |
| 1000Base-T | 1.000 | 1,953.1 | 82.3 |
| OC-48 | 2.488 | 4,860.0 | 204.9 |
| OC-192 | 9.953 | 19,440.0 | 819.6 |
| OC-768 | 39.813 | 77,760.0 | 3,278.4 |

**Figure 8.2** Approximate packet rates in thousands of packets per second for a single network using various technologies. Rates assume a small packet size of 64 octets and a large packet size of 1518 octets, but do not account for framing overhead, interpacket gaps, or preambles†.