|  |  |
| --- | --- |
| **Array Length** | **Communication Time (ms)** |
| 2 | 0.06834 |
| 4 | 0.060069 |
| 8 | 0.062842 |
| 16 | 0.233061 |
| 32 | 0.06832 |
| 64 | 0.129417 |
| 128 | 0.066867 |
| 256 | 0.122594 |
| 512 | 0.067362 |
| 1024 | 0.123537 |
| 2048 | 0.145249 |
| 4096 | 0.151989 |
| 8192 | 0.145692 |
| 16384 | 0.179389 |
| 32768 | 0.243207 |
| 65536 | 0.552928 |
| 131072 | 0.846647 |
| 262144 | 1.56168 |
| 524288 | 2.49862 |
| 1048576 | 5.19144 |
| 2097152 | 9.94548 |
| 4194304 | 18.8799 |
| 8388608 | 36.5882 |
| 16777216 | 74.8825 |
| 33554432 | 144.677 |