

1 Performance Benchmarking Results for Adnaco USB products

Table 1 Adnaco-S3B

Length	Cable Type	Transceivers	Transfer Rate
10 m	50/125 Multi-mode	Multi-mode	330.6 Mbits/s
50 m	50/125 Multi-mode	Multi-mode	327.9 Mbits/s
100 m	50/125 Multi-mode	Multi-mode	322.7 Mbits/s
150 m	50/125 Multi-mode	Multi-mode	316.7 Mbits/s
200 m	50/125 Multi-mode	Multi-mode	314.7 Mbits/s
250 m	50/125 Multi-mode	Multi-mode	279.50 Mbits/s
300 m	50/125 Multi-mode	Multi-mode	178.70 Mbits/s
400 m	50/125 Multi-mode	Multi-mode	161.9 Mbits/s
500 m	50/125 Multi-mode	Multi-mode	150.6 Mbits/s
750 m	9/125 Single-mode	Single-mode	112.1 Mbits/s
1,000 m	9/125 Single-mode	Single-mode	99.6 Mbits/s
1,500 m	9/125 Single-mode	Single-mode	65.7 Mbits/s
2,000 m	9/125 Single-mode	Single-mode	21.0 Mbits/s

2 Test Equipment

2.1 FPGA board

Cypress/Nuvation FX3 Evaluation Platform – BeUSB 3.0.

2.2 Test computer information

Motherboard: Gigabyte GA-Z170MX-Gaming5

CPU: Intel i3-6100 @ 3.70GHz

Chipset: Intel Z170

Memory: 8 GB

OS: Windows 7

2.3 Test software screenshot

