











Connectivity Reference Guide

	USB 2.0	FireWire 400	FireWire 800	eSATA	Gigabit Ethernet
Image					
Maximum Transfer Rate	480 MB/s burst	400 MB/s sustained	800 MB/s sustained	3000MB/s sustained	1000 MB/s sustained
Ideal for:	Best for connecting to different systems quickly and easily	Best for transferring large amounts of data frequently or for audio/video programs	Best for multiple-stream digital video and high-resolution digital audio	Best for transferring large amounts of data frequently or for audio/video programs	Best for sharing large amounts of data and/or large audio/video files across a network
Most commonly used with:	PCs, PDAs and video game consoles	Macintosh computers	Macintosh computers	PCs	PCs in local area networks (LANs)
Maximum Cable Length	5m	4.5m	4.5m	2m	N/A
Hot-swappable	Hot-swappable (attach a device without rebooting the system)	Hot-swappable (attach a device without rebooting the system)	Hot-swappable (attach a device without rebooting the system)	Hot-swappable (attach a device without rebooting the system)	Can attach a device to a system's network adapter, router, switch or hub port
Power Provided	Yes	Yes	Yes	No	No
Devices per Channel	127	63	63	1 (15 with port multiplier)	unlimited
Symbol		 FireWire	 FireWire		 ETHERNET