

Patch Cord Densities

Recommended and Maximum Patch Cord Densities

Recommended capacity takes into consideration random jumper placement into the FiberGuide® system.

Maximum density refers to the maximum number of fiber jumpers in a given cross-section of a FiberGuide installation.

Recommended/Maximum Density

1.2 mm Patch Cords (per in ²)	1.5 mm Patch Cords (per in ²)	1.7 mm Patch Cords (per in ²)	2.0 mm Patch Cords (per in ²)	3.0 mm Patch Cords (per in ²)
428/570	274/365	213/284	154/205	68/91

Trough Pileup Recommended/Maximum Density

		2-Inch	3-Inch	4-Inch
4x24 System	1.2 mm	20,768/27,691	31,152/41,536	41,537/55,382
	1.5 mm	13,292/17,722	19,937/26,583	26,583/35,444
	1.7 mm	10,349/13,798	15,522/20,696	20,696/27,595
	2.0 mm	7,477/9,969	11,215/14,953	14,953/19,937
	3.0 mm	3,323/4,431	4,985/6,646	6,646/8,861
4x12 System	1.2 mm	10,500/14,000	15,750/21,000	21,000/28,000
	1.5 mm	6,720/8,960	10,080/13,440	13,440/17,920
	1.7 mm	5,232/6,976	7,848/10,464	10,464/13,952
	2.0 mm	3,780/5,040	5,670/7,560	7,560/10,080
	3.0 mm	1,680/2,240	2,520/3,360	3,360/4,480
4x6 System	1.2 mm	5,366/7,155	8,049/10,732	10,733/14,310
	1.5 mm	3,434/4,579	5,152/6,869	6,869/9,158
	1.7 mm	2,674/3,565	4,011/5,348	5,348/7,130
	2.0 mm	1,932/2,576	2,898/3,864	3,863/5,151
	3.0 mm	859/1,145	1,288/1,717	1,718/2,290
4x4 System	1.2 mm	3,655/4,873	5,483/7,310	7,310/9,746
	1.5 mm	2,339/3,119	3,509/4,678	4,679/6,238
	1.7 mm	1,821/2,428	2,732/3,642	3,642/4,856
	2.0 mm	1,316/1,754	1,973/2,631	2,632/3,509
	3.0 mm	585/780	878/1,170	1,169/1,559
2x6 System	1.2 mm	5,598/7,464	-	-
	1.5 mm	3,583/4,777	-	-
	1.7 mm	2,789/3,719	-	-
	2.0 mm	2,015/2,687	-	-
	3.0 mm	896/1,194	-	-
2x2 System	1.2 mm	1,712/2,282	-	-
	1.5 mm	1,095/1,460	-	-
	1.7 mm	853/1,137	-	-
	2.0 mm	616/821	-	-
	3.0 mm	274/365	-	-

Vertical Trough Pileup Recommended/Maximum Density

		2-Inch
2x4 System	1.2 mm	2,000/2,280
	1.5 mm	1,480/1,704
	1.7 mm	960/1,136
	2.0 mm	720/816
	3.0 mm	320/352
2x2 System	1.2 mm	1,000/1,140
	1.5 mm	740/852
	1.7 mm	480/568
	2.0 mm	360/408
	3.0 mm	160/176



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