

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)
250/285	185/213	120/142	90/102	40/44

Trough Pileup Recommended/Maximum Density

		2-Inch	3-Inch	4-Inch
4x24 System	1.2mm	12,000/13,680	18,000/20,520	24,000/27,360
	1.5 mm	8,880/10,224	13,320/15,336	17,760/20,448
	1.7 mm	5,760/6,816	8,640/10,224	11,520/13,632
	2.0 mm	4,320/4,869	6,480/7,344	8,640/9,792
	3.0 mm	1,920/2,112	2,880/3,168	3,840/4,224
4x12 System	1.2mm	6,000/6,840	9,000/10,260	12,000/13,680
	1.5mm	4,440/5,112	6,660/7,668	8,880/10,224
	1.7 mm	2,880/3,408	4,320/5,112	5,760/6,816
	2.0 mm	2,160/2,448	3,240/3,672	4,320/4,896
	3.0 mm	960/994	1,440/1,584	1,920/2,112
4x6 System	1.2mm	3,000/3,420	4,500/5,130	6,000/6,840
	1.5mm	2,220/2,556	3,330/3,834	4,440/5,112
	1.7 mm	1,440/1,704	2,160/2,556	2,880/3,408
	2.0 mm	1,080/1,224	1,620/1,836	2,160/2,448
	3.0 mm	480/528	720/792	960/1,056
4x4 System	1.2mm	2,000/2,280	3,000/3,420	4,500/4,560
	1.5mm	1,480/1,704	2,220/2,556	3,330/3,834
	1.7 mm	960/1,136	1,440/1,704	1,920/2,272
	2.0 mm	720/816	1,080/1,224	1,440/1,632
	3.0 mm	320/352	480/528	640/704
2x6 System	1.2mm	3,000/3,492	-	-
	1.5mm	2,220/2,610	-	-
	1.7 mm	1,440/1,740	-	-
	2.0 mm	1,080/1,224	-	-
	3.0 mm	480/528	-	-
2x2 System	1.2mm	1,000/1,140	-	-
	1.5mm	740/852	-	-
	1.7 mm	480/568	-	-
	2.0 mm	360/408	-	-
	3.0 mm	160/176	-	-

Vertical Trough Pileup Recommended/Maximum Density

		2-Inch
2x4 System	1.2mm	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	1.2mm	1,000/1,140
	1.5mm	740/852
	1.7 mm	480/568
	2.0 mm	360/408
	3.0 mm	160/176

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