

Official Fibre Channel Road Map Translator

October, 2017



FCIA Road Map	Gross bit rate (Line Rate in FCIA Road Map)	Encoding	Encoding Overhead Factor	Effective bit rate Gross bit rate x overhead factor	IT Brand Pulse Road Map
1GFC	1.0625Gb/sec	8b/10b	.8	.85Gb/sec	850Mb FC
2GFC	2.12Gb/sec	8b/10b	.8	1.7Gb/sec	1.7Gb FC
4GFC	4.25Gb/sec	8b/10b	.8	3.4Gb/sec	3.5Gb FC
8GFC	8.5Gb/sec	8b/10b	.8	6.8Gb/sec	7Gb FC
16GFC	14.025Gb/sec	64b/66b	.9696	13.6Gb/sec	14Gb FC
32GFC	28.05Gb/s	64b/66b	.9696	27.2Gb/sec	27Gb FC
64GFC	56.1 Gb/s	64b/66b	.9696	54.4Gb/sec	54Gb FC
128GFC	112.2 Gb/s	64b/66b	.9696	108.8Gb/s	108Gb FC
256GFC	224.4 Gb/s	64b/66b	.9696	217.6Gb/s	218Gb FC

Name that does not match actual speed

Translation

Exact speed

Name that matches actual speed