DPL LABS®
True Image Cable Transmission Bit Rates

The Chart Below Provides the necessary Transmission Bit Rate requirement per resolution to satisfy *True Image* reproduction. When choosing the correct cable simply match your systems highest resolution to its required Transmission Bit Rate. Data rates can be different depending on Format Timing Standard

Required Cable Transmission Bit Rate per Resolution (Gbps)	Dimensional Resolution	Frame Rate	Color Depth	Color Space
10.2G / 2K	1920x1080P	30	10 Bit	4:4:4
10.2G / 2K	1920x1080P	30	12 Bit	4:4:4
10.2G / 2K	1920x1080P	60	8 Bit	4:2:2
10.2G / 2K	1920x1080P	60	10 Bit	4:2:2
10.2G / 2K	1920x1080P	60	12 Bit	4:2:2
10.2G / 2K	1920x1080P	60	8 Bit	4:4:4
10.2G / 2K	1920x1080P	60	10 Bit	4:4:4
10.2G / 2K	1920x1080P	60	12 Bit	4:4:4
10.2G / 2K	1920x1080P	120	8 Bit	4:2:2
10.2G / 2K	1920x1080P	120	8 Bit	4:4:4
10.G2 / 2K	1920x1080P	120	10 Bit	4:2:2
10.G2 / 2K	1920x1080P	120	8 Bit	4:4:4
10.G2 / 4K	3840x2160	30	8 Bit	4:2:2
10.G2 / 4K	3840x2160	30	10 Bit	4:2:2
10.G2 / 4K	3840x2160	30	12 Bit	4:2:2
10.G2 / 4K	3840x2160	30	8 Bit	4:4:4
10.G2 / 4K	3840x2160	60	8 Bit	4:2:0
10.2G / 5K	5120x2160	30	8 Bit	4:2:2
10.2G / 5K	5120x2160	30	10 Bit	4:2:2
18G / 2K	1920x1080P	120	10 Bit	4:4:4
18G / 2K	1920x1080P	120	12 Bit	4:4:4
18G / 4K	3840x2160	30	10 Bit	4:4:4
18G / 4K	3840x2160	30	8 Bit	4:4:4
18G / 4K	3840x2160	60	10 Bit	4:2:0
18G / 4K	3840x2160	60	12 Bit	4:2:0
18G / 4K	3840x2160	60	8 Bit	4:2:2
18G / 4K	3840x2160	60	10 Bit	4:2:2
18G / 4K	3840x2160	60	12 Bit	4:2:2
18G / 4K	3840x2160	60	8 Bit	4:4:4
18G / 4K	3840x2160	120	10 Bit	4:2:0
18G / 5K	5120x2160	30	12 Bit	4:2:2
18G / 5K	5120x2160	60	8 Bit	4:2:0
18G / 5K	5120x2160	60	10 Bit	4:2:0
18G / 5K	5120x2160	60	12 Bit	4:2:0
18G / 5K	5120x2160	60	8 Bit	4:2:2
18G / 5K	5120x2160	60	10 Bit	4:2:2
18G / 5K	5120x2160	60	12 Bit	4:2:2
18G / 8K	7680x4320	30	8 Bit	4:2:0
18G / 8K	7680x4320	30	10 Bit	4:2:0
24G / 4K	3840x2160	120	12 Bit	4:2:0
24G / 4K	3840x2160	60	10 Bit	4:4:4
24G / 4K	3840x2160	60	12 Bit	4:4:4
24G / 4K	3840x2160	120	8 Bit	4:2:0
24G / 5K	5120x2160	60	8 Bit	4:4:4
24G / 5K	5120x2160	60	10 Bit	4:4:4
24G / 5K	5120x2160	120	10 Bit	4:2:0
24G / 8K	7680x4320	30	8 Bit	4:2:2
24G / 8K	7680x4320	30	12 Bit	4:2:0
24G/ 10K	10240x4320	25	8 Bit	4:2:0

Required Cable Transmission Bit Rate per Resolution (Gbps)	Dimensional Resolution	Frame Rate	Color Depth	Color Space
24G/ 10K	10240x4320	25	10 Bit	4:2:0
24G/ 10K	10240x4320	25	8 Bit	4:2:0
24G/ 10K	10240x4320	25	10 Bit	4:2:0
32G / 4K	3840x2160	120	10 Bit	4:4:4
32G / 5K	5120x2160	60	12 Bit	4:4:4
32G/ 5K	5120x2160	120	8 Bit	4:2:0
32G / 5K	5120x2160	120	12 Bit	4:2:0
32G / 5K	5120x2160	120	8 Bit	4:4:4
32G / 8K	7680x4320	30	10 Bit	4:2:2
32G / 8K	7680x4320	30	12 Bit	4:2:2
32G / 8K	7680x4320	30	8 Bit	4:4:4
32G / 8K	7680x4320	60	8 Bit	4:2:0
32G/ 10K	10240x4320	25	12 Bit	4:2:0
40G / 8K	7680x4320	30	10 Bit	4:4:4
40G / 8K	7680x4320	60	10 Bit	4:2:0
40G/ 10K	10240x4320	30	12 Bit	4:2:2
40G/ 10K	10240x4320	30	8 Bit	4:4:4
40G / 10K	10240x4320	48	8 Bit	4:2:0
40G/ 10K	10240x4320	60	8 Bit	4:2:0
48G Compatible for all supported resolutions				

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