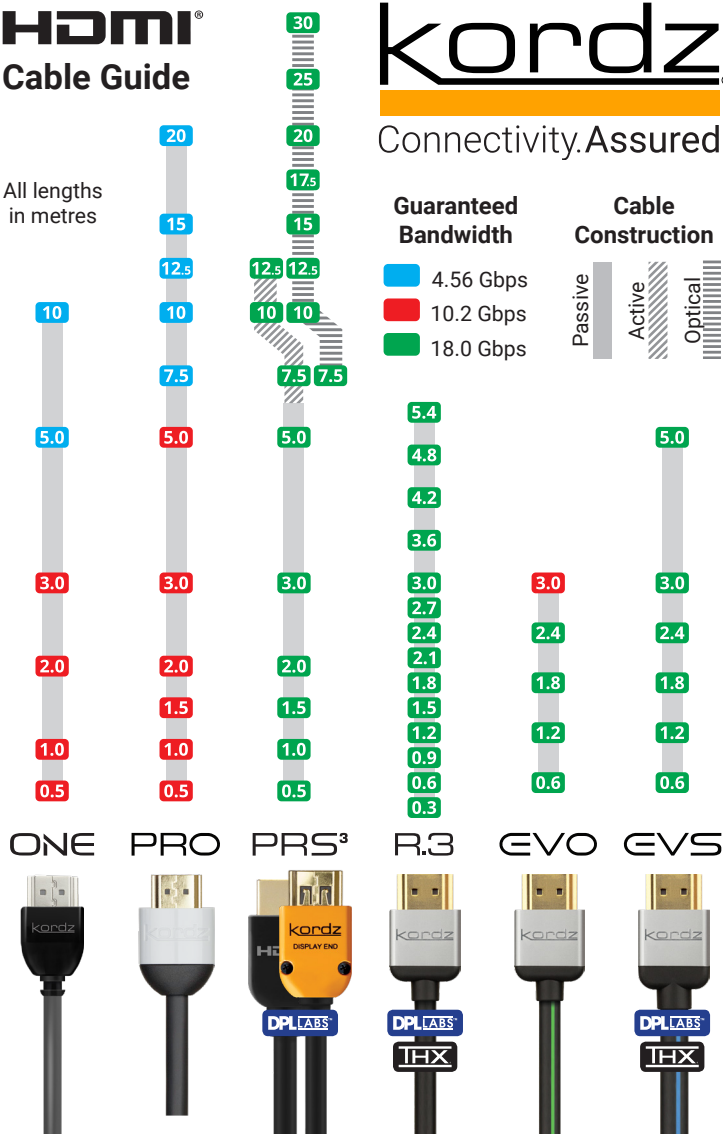


HDMI®

Cable Guide

All lengths
in metres



kordz®

Connectivity. Assured

**Guaranteed
Bandwidth**

- 4.56 Gbps
- 10.2 Gbps
- 18.0 Gbps

**Cable
Construction**

- Passive
- Active
- Optical

HDMI®

Bandwidth Guide

	Resolution	Frame Rate	Color depth (bits)	Chroma Subsampling	TMDS Clock (MHz)	Data Rate (Gbps)	Bandwidth (Hz)
HDMI 1.4 - 2009	720p	60	8	4:2:0	74.25	2.22	371.25M
	1080p	24	8/HDR10	4:4:4/RGB	74.25	2.22	371.25M
	1080p	24	8/HDR10/12	4:2:0/4:2:2	74.25	2.22	371.25M
	1080p	24	HDR12	4:4:4/RGB	148.5	4.455	742.5M
	1080p	24 3D	8/HDR10	4:4:4/RGB	148.5	4.455	742.5M
	1080p	24 3D	8/HDR10/12	4:2:0/4:2:2	148.5	4.455	742.5M
	1080p	60	8	4:4:4/RGB	148.5	4.455	742.5M
	1080p	60	8/HDR10/12	4:2:0/4:2:2	148.5	4.455	742.5M
HDMI 1.4 - 2009	1080p	24 3D	HDR12	4:4:4/RGB	185.63	5.56	928.15M
	1080p	60	HDR10	4:4:4/RGB	185.63	5.56	928.15M
	1080p	60	HDR12	4:4:4/RGB	222.75	6.68	1.114G
	1080p	60 3D	8/HDR10/12	4:2:0/4:2:2	297	8.91	1.485G
	1080p	60 3D	8	4:4:4/RGB	297	8.91	1.485G
	2160p	24	8/HDR10	4:4:4/RGB	297	8.91	1.485G
	2160p	24	8/HDR10/12	4:2:0/4:2:2	297	8.91	1.485G
	2160p	60	8	4:2:0	297	8.91	1.485G
HDMI 2.0 - 2013	1080p	60 3D	HDR10	4:4:4/RGB	92.81	11.14	1.86G
	2160p	24	HDR12	4:4:4/RGB	92.81	11.14	1.86G
	2160p	60	HDR10	4:2:0	92.81	11.14	1.86G
	1080p	60 3D	HDR12	4:4:4/RGB	111.38	13.365	2.28G
	2160p	60	HDR12	4:2:2	148.5	17.82	2.97G
	2160p	60	8	4:4:4/RGB	148.5	17.82	2.97G
HDMI 2.1 - 2018	HDMI 2.1 supports legacy TMDS mode and introduces Fixed Rate Link (FRL) mode which uses 3 Lanes operating at 3 or 6Gbps (max 18Gbps) or 4 Lanes at 6, 8, 10 or 12 Gbps (max 48Gbps). Bandwidth and optional DSC compression allow for a wide range of 4K, 5K Wide, 8K and 10K Wide resolutions, 8-12bit colour depths and frame rates up to 120FPS. New Category 3 HDMI cables will be required to support all 2.1 features.						