multimedia solutions

Data and information

Multimedia Solutions™ have just launched a new range of high quality high speed with Ethernet 1.4v and Premium 2.0 High speed with Ethernet cables cater for the latest demands of UHD 3840x2160@30Hz, 4096x2160@60Hz.
Designed specifically to deliver deep colour with HDR static meta data support to provide high contrast, bright whites and deep blacks.

The MMS™ series of HDMI cables have a copper foil and up to 216 wire tinned copper braid which offers suburb EMI immunity.

Audio Return Channel comes part of the standard feature set enabling streamed video, audio to home theatre systems allowing the highest audio bit rate to be decoded and give you the immersive audio experience.
Increase audio bandwidth up to 32 channels that enables object based audio technology such as Dolby Atmos and DTS-X.

Features and Benefits

- Designed for all resolutions up to UHD 3840x2160@30Hz, 4096x2160@60Hz.
- Ethernet - HDMI enabled devices pass through Internet access enabling OTT content to be displayed
- ARC - OTT streamed decoded content providing the highest audio 5.1Ch surround sound experience
- EMI immunity which provides high screening and eliminates electromagnetic interference
- Deep colour 10 bit capability designed for the next generation displays providing high contrast deep blacks and bright whites.
- HDR static meta data enabled – enhanced film processed content
- Dual view - multi-player gamming
- Lengths (m) - 0.5, 1, 3, 5, 10, 15 High & Standard speed with Ethernet 1.4
- Lengths (m) - 0.5, 1, 1.5, 2, 3, 5 Premium High speed with Ethernet 2.0
- Gold plated connectors with 26/28/30 awg gauge copper conductors

		High Speed with Ethernet	Standard Speed with Ethernet	Premium Speed with Ethernet	Premium 48G Speed with Ethernet
Version	Length	1.4 a, b		2.0b	2.1
	0.5m	YES	-	YES	YES
	1m	YES	-	YES	YES
	1.5m	YES	-	YES	YES
	2m	YES	-	YES	YES
	3m	YES	-	YES	-
	5m	YES	-	YES	-
	10m	-	YES	-	-
	15m	-	YES	-	-
Features					
Video Bandwidth (Gbps)		≤10.2	<10.2	18	48
Maximum Colour Bit		48	36	48	48
Ethernet (HEC)		YES	YES	YES	YES
Audio Return Channel (ARC)		YES	YES	YES	YES
32 Channel Audio (@ 48kHz 1536kHZ Total)		NO	NO	YES	YES
Dolby Atmos, DTS-X		NO	NO	YES	YES
Dual View Gaming		NO	NO	YES	YES
Hybrid Log-Gamma (HLG)		NO	NO	YES	YES
Static HDR		NO	NO	YES	YES
Dynamic HDR		NO	NO	NO	YES
Enhanced Audio Return Channel (eARC)		NO	NO	NO	YES
Object-Based Audio		NO	NO	NO	YES
Variable Refresh Rate (Game Mode VRR)		NO	NO	NO	YES
Resolution					
1080i@50Hz		YES	YES	YES	YES
1080p@60Hz		YES	NO	YES	YES
Domestic HD Projectors		YES	YES	YES	YES
UHD 3860 x 2160 @24, 25, 30Hz		YES	NO	YES	YES
4K 4096 x 2160 @30Hz		YES	NO	YES	YES
4K 4096 x 2160 @60Hz		NO	NO	YES	YES
4K 4096 x 2160 @120Hz		NO	NO	NO	YES
8/10K @ 120Hz		NO	NO	NO	YES