

BSV110

High Speed HDMI cable with Ethernet



The BSV110 is a basic series quality HDMI cable offering a reliable solution for HDMI interconnections in audiovisual systems.

This cable complies to the highest available certification standards in HDMI, supporting specific features such as ethernet and an audio return channel. The combination of gold plated contacts with oxygen free copper conductors and triple shielding guarantees an optimal performance.

Lengths below 10 meters are composed using a 30 AWG conductor section, supporting High Speed performance with ethernet capable of carrying 1080p signals, 4K x 2K cinema resolutions and 3D images. Lengths of 10 m and above are composed using a 28 AWG conductor section supporting Standard speed performance with ethernet and can carry up to 1080i and 720p signals.



Physical characteristics	
	BHD130 (30 AWG) BDD128 (28 AWG) ≤ 5 meter 10 meter
Type of cable	HDMI with Ethernet
Inner conductor	BC 1 x 0.254 mm BC 1 x 0.32 mm
Inner conductor section	0.05 mm ² 0.08 mm ²
Number of conductors	5P + 5C
Insulation	FPE Ø 0.7 mm FPE Ø 0.9 mm
Insulation Colour	5P: White & Red; White & Green; White & Blue; White & Brown; White & Yellow 5C: Yellow, Orange, Red, White, Grey
Shielding 1	Individual Al-mylar + Drain wire 100% coverage - 25% Overlap
Shielding 2	Overall Al-mylar + Drain wire 100% coverage - 25% Overlap
Shielding 3	Braiding Al-Mg 16 x 4 x 0.12 mm
Outer Jacket	PVC
Outer Jacket Colour	Black
Outer Jacket Dimensions	Ø 6.0 mm Ø 7.3 mm

Electrical characteristics	
Rated voltage	30 V
Dielectric strength	0.5 (KV/1min. DC)
Characteristic impedance	100Ω +/-10Ω

Standards & regulations	
RoHS2 compliant	According EU Directive 2011/65/EU
Reach compliant	According EC 1907/2006
Indoor / outdoor	Indoor
Cabling standard	High speed HDMI with Ethernet

Mechanical characteristics		
Temperature range	fixed installation	-20° C till +80° C
	flexible installation	-15° C till +60° C
Bending radius	fixed installation	4 x cable Ø OD
	flexible installation	6 x cable Ø OD

Ordering & packaging	
BSV110/1.5	1.5 meter - 30 AWG
BSV110/3	3 meter - 30 AWG
BSV110/5	5 meter - 30 AWG
BSV110/10	10 meter - 28 AWG

Cross section

