

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

