

Product Specification HDMI 30 AWG ribbon wires	Part Number: 22-002-06 and -07 Model: HD-30RB250, HD-30RB500
Product Image 	Product Drawing 
Features and Benefits <ul style="list-style-type: none"> > HDMI 2.0 High Speed, 4k, 3D, HEAC; Luxi patented > UL VW-1 rating (eqv. IEC 60332-2) for in wall installations > Designed to work with Luxi DIY field termination system > Dual ribbon design ensuring super fast, error free termination > Ribbons folded into a round jacket for easy pulling > Coated conductor to prevent oxidation > Ribbon design eliminating signal jitter for clearer eye pattern > Tight impedance tolerance reducing signal reflection > PE skin insulation reducing signal attenuation > Aluminum Mylar with 100% coverage for best shielding > Available in 250' (76 m) and 500' (152 m) spools > Packed in self dispensing box (spool in a box) > RoHS compliant 	General <p>Jacket color and material: black matt PVC Overall jacket diameter: 0.28" (7.0 mm) HDMI specs: rev 1.4 Cat2 High Speed HEAC compatible UL: pass UL-1581 VW-1; equivalent to IEC 60332-2 Jacket marking: LUXi High Speed HDMI™ ribbon wire AWM 20276 E129757-3 80°C 30V VW-1</p> <p>Top ribbon cable, 11 wires Conductor: 1x0.254mm=30 AWG (0.26mm) tinned copper Insulation: TPE, thickness 0.006" (0.15mm) Shielding: Aluminum Mylar, 100% coverage, 25% overlay</p> <p>Bottom ribbon cable, 9 wires Conductor: 1x0.254mm=30 AWG (0.26mm) tinned copper Insulation: TPE, thickness 0.006" (0.15mm) Shielding: Aluminum Mylar, 100% coverage, 25% overlay</p>
Package Packed in self dispensing box, available in 2 sizes P/N 22-002-06, 250' (76 m); P/N 22-002-07, 500' (152 m)  <p>Box length: 16.1" (41 cm) Box width: 9.0" (23 cm) Box height: 15.7" (40 cm) Gross weight: 16.5 lb (7.5 kg); 27.5 lb (12.6 kg) respectively</p>	Overall <p>Min jacket thickness: 0.020" (0.51 mm) Shielding: Aluminum Mylar, 100% coverage, 25% overlay Drain wire: 7x0.1mm=30 AWG (0.26mm) tinned copper Braid: 16x9x0.1 mm, tinned copper</p>
Other Related Products Hand tool, P/N 68-011-01, model DIY-28T  <p>DIY connectors and clamshells, 10 sets of components, P/N 68-010-01, model DIY-30BS10, in two PET trays</p> <div data-bbox="138 1669 771 1858">  </div> <p>HDMI Extender P/N 74-035-01 model EHD-111</p> 	Electrical <p>Supported formats: 4k, 3D, deep color, 1080p, etc. Max data rate: depends on cable length; 18 Gbps at 2 m Max cable length: 12 m (40') at 1080p typical up to 28 m (93') with Luxi HDMI Extender Temperature rating: 80° C Voltage rating: 30 V Conductor resistance: at 20° C, 361 Ω/km FEXT: <-25 dB, 1 MHz to 5 GHz Impedance at connector termination: 100 +0/-7 Ω Attenuation: 0.3~825 MHz ~3.2 dB/2m 0.825~2.475 GHz ~7.2 dB/2m 2.475~4.125 GHz ~11 dB/2m 4.125~5.1 GHz ~13 dB/2m Propagation delay: within a pair ~450 ps / cable Skew between pairs: ~40 ps / cable</p> <p>Eye pattern 2 m 5 Gbps (1080p)</p>  Physical <p>Tensile strength: un-aged: 1500 psi min; aged: 70% min Elongation: un-aged: 100% min; aged: 65% Heat shock test: no cracking Cold bend test: no cracking Deformation test: max 50%</p>