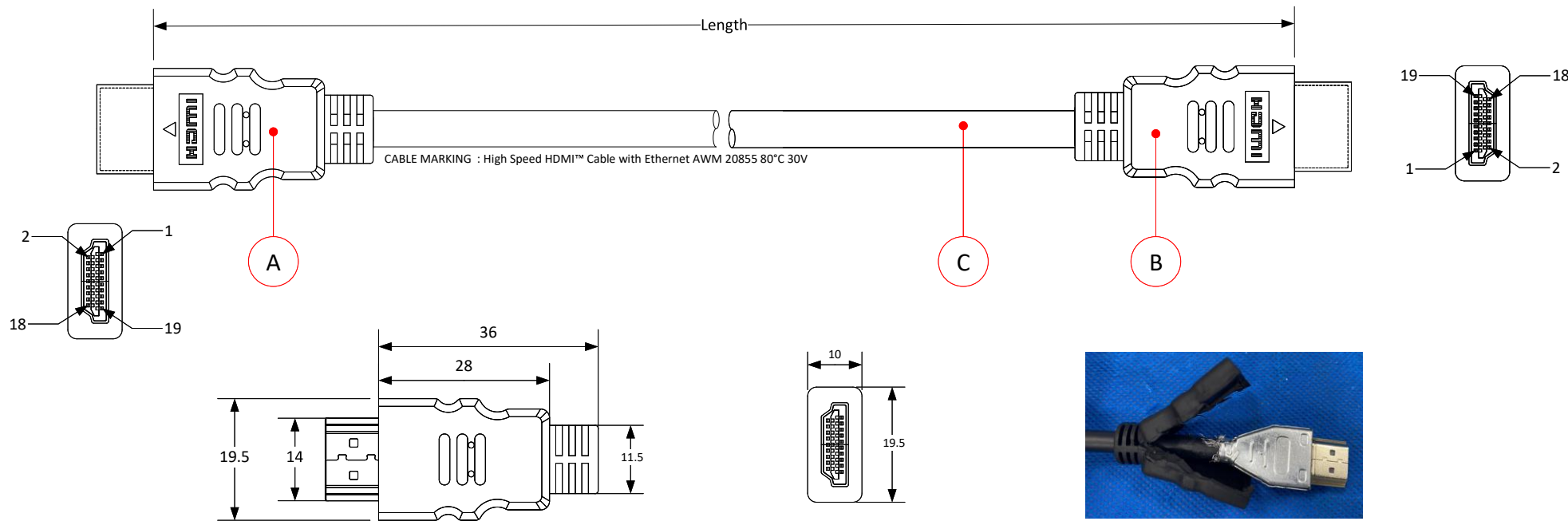


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thin plate for EMI shielding

| ITEM  | PART                   | DESCRIPTION               |
|-------|------------------------|---------------------------|
| A + B | Connector type         | HDMI Type A 19-pin male   |
|       | Contacts               | Gold plated               |
|       | Hood                   | 85ALSZH Black             |
|       | Conductor material     | Tinned Copper             |
|       | Shielding              | Thin Plate                |
| C     | Cable colour           | Black                     |
| B     | Outer jacket           | TPE LSZH Jacket           |
|       | Shield type            | Aluminum Mylar            |
|       | Wire gauge             | 30 AWG                    |
|       | Wire standard          | UL20855                   |
|       | Outer diameter         | Ø6.0 ±0.20mm              |
|       | Bend radius            | Outer Diameter * 12 times |
|       | Temperature range      | -20°C to +80°C            |
|       | Humidity range         | Under 60%                 |
|       | Max. bandwidth         | 18 Gb/s                   |
|       | Max. resolution @ 60Hz | 3840x2160                 |
| A     | Chroma sampling        | 4:4:4                     |
|       | Colour bit depth       | 8 bits per colour         |

| Item No. | Length |
|----------|--------|
| AK3870   | 0.5m   |
| AK3871   | 1.0m   |
| AK3872   | 1.5m   |
| AK3873   | 2.0m   |
| AK3874   | 3.0m   |



Drawn by : EP

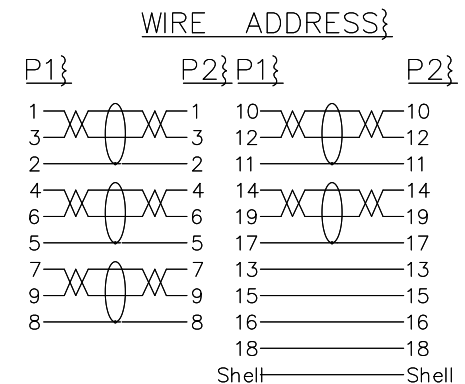
HDMI 4K LSZH Premium High Speed cable

Item : AK3870~AK3874

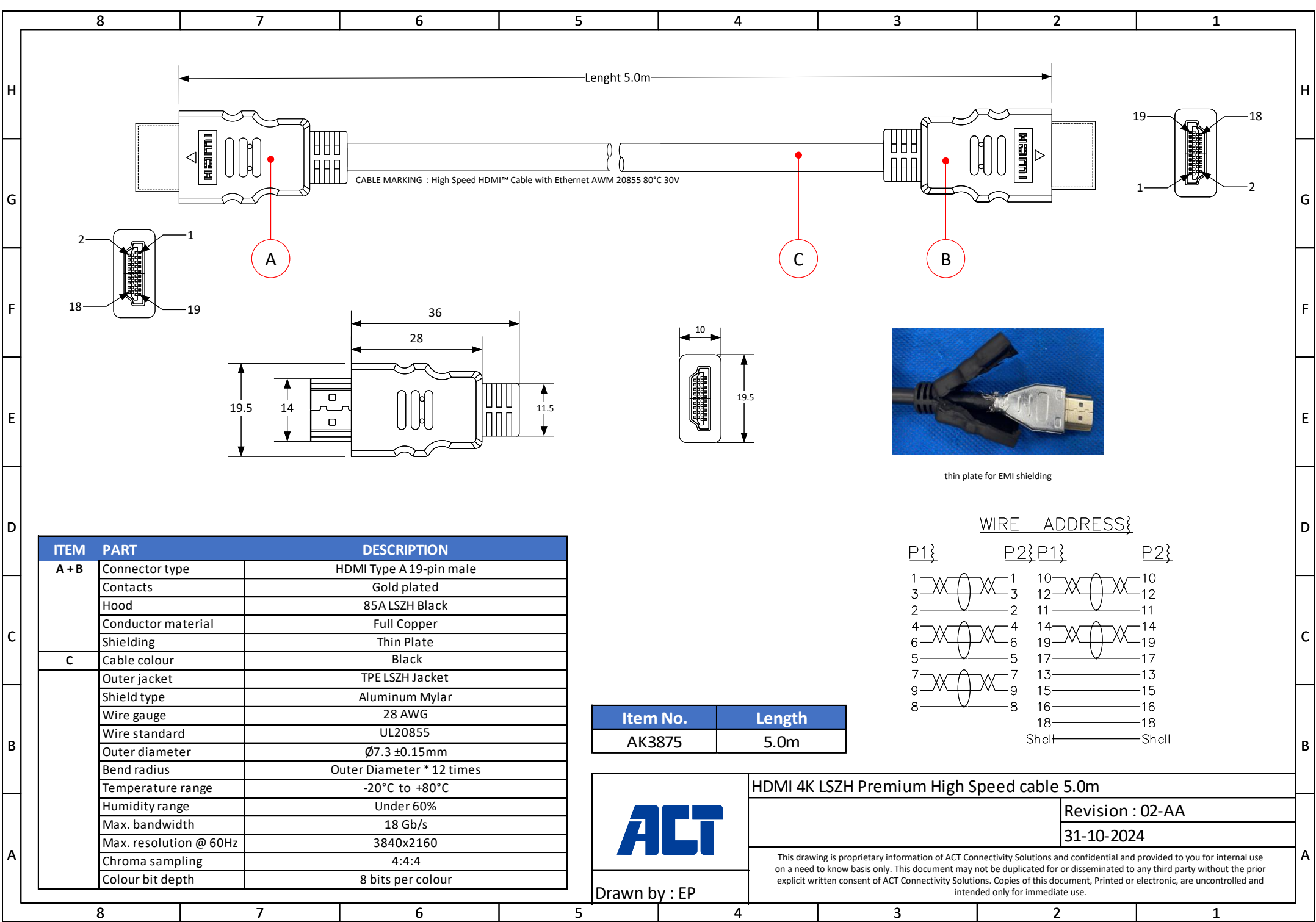
Revision : 02-AA

31-10-2024

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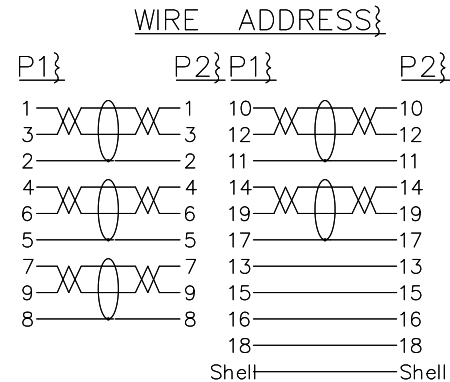


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| ITEM  | PART                   | DESCRIPTION               |
|-------|------------------------|---------------------------|
| A + B | Connector type         | HDMI Type A 19-pin male   |
|       | Contacts               | Gold plated               |
|       | Hood                   | 85ALSZH Black             |
|       | Conductor material     | Full Copper               |
|       | Shielding              | Thin Plate                |
| C     | Cable colour           | Black                     |
|       | Outer jacket           | TPE LSZH Jacket           |
|       | Shield type            | Aluminum Mylar            |
|       | Wire gauge             | 28 AWG                    |
|       | Wire standard          | UL20855                   |
|       | Outer diameter         | Ø7.3 ±0.15mm              |
|       | Bend radius            | Outer Diameter * 12 times |
|       | Temperature range      | -20°C to +80°C            |
|       | Humidity range         | Under 60%                 |
|       | Max. bandwidth         | 18 Gb/s                   |
|       | Max. resolution @ 60Hz | 3840x2160                 |
|       | Chroma sampling        | 4:4:4                     |
|       | Colour bit depth       | 8 bits per colour         |

| Item No. | Length |
|----------|--------|
| AK3875   | 5.0m   |





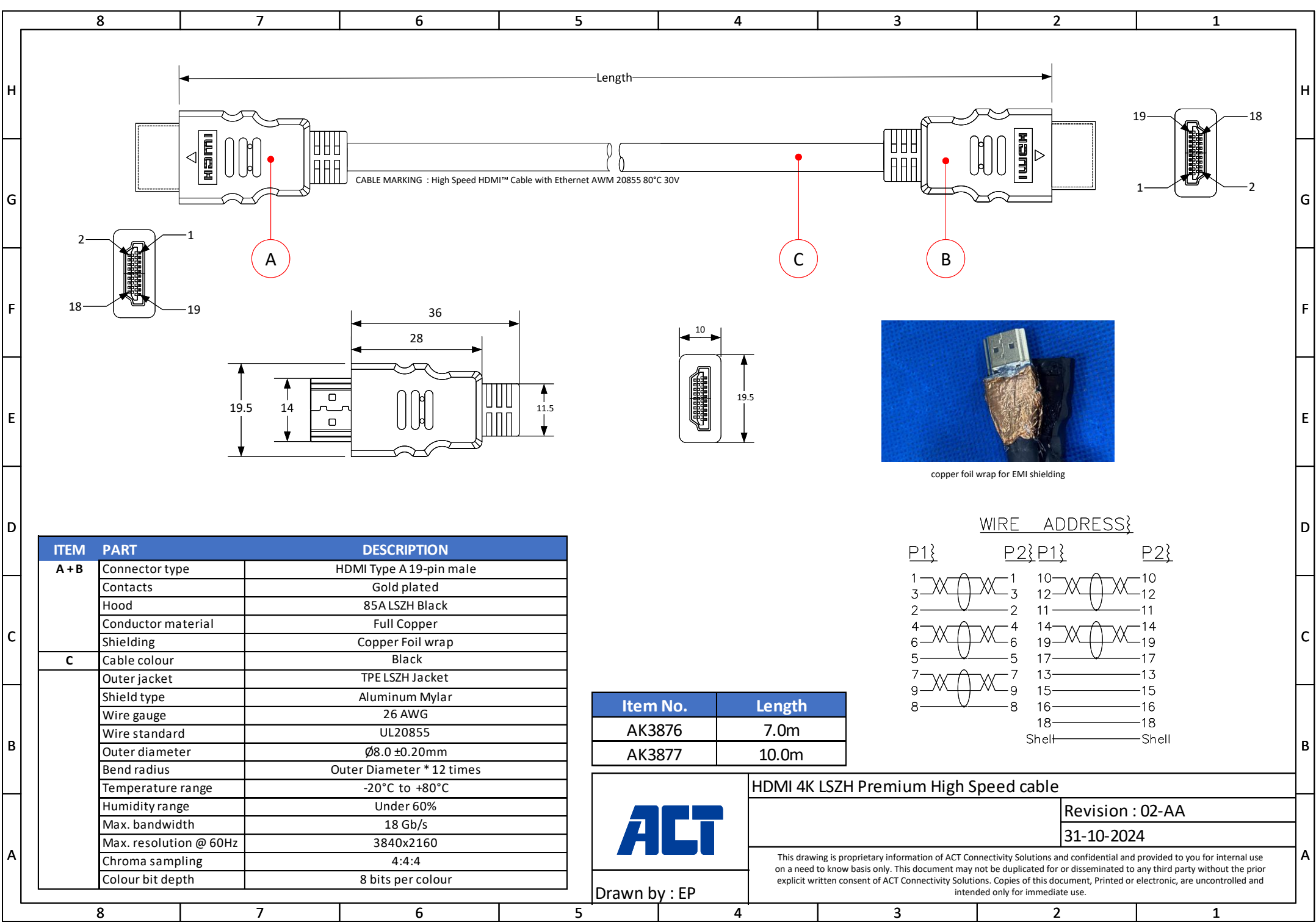
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HDMI 4K LSZH Premium High Speed cable 5.0m

|                  |
|------------------|
| Revision : 02-AA |
| 31-10-2024       |

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| ITEM  | PART                   | DESCRIPTION               |
|-------|------------------------|---------------------------|
| A + B | Connector type         | HDMI Type A 19-pin male   |
|       | Contacts               | Gold plated               |
|       | Hood                   | 85ALSZH Black             |
|       | Conductor material     | Full Copper               |
|       | Shielding              | Copper Foil wrap          |
| C     | Cable colour           | Black                     |
| B     | Outer jacket           | TPE LSZH Jacket           |
|       | Shield type            | Aluminum Mylar            |
|       | Wire gauge             | 26 AWG                    |
|       | Wire standard          | UL20855                   |
|       | Outer diameter         | ø8.0 ±0.20mm              |
|       | Bend radius            | Outer Diameter * 12 times |
|       | Temperature range      | -20°C to +80°C            |
|       | Humidity range         | Under 60%                 |
|       | Max. bandwidth         | 18 Gb/s                   |
|       | Max. resolution @ 60Hz | 3840x2160                 |
| A     | Chroma sampling        | 4:4:4                     |
|       | Colour bit depth       | 8 bits per colour         |

| Item No. | Length |
|----------|--------|
| AK3876   | 7.0m   |
| AK3877   | 10.0m  |



HDMI 4K LSZH Premium High Speed cable

Revision : 02-AA  
31-10-2024

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