



# BIT MAXX

## EXTENDED DISTANCE CAMERA LINK CABLES MVB-EP

CEI's exclusive Bitmaxx technology utilizes Pre-Emphasis and Equalization in order to extend the distance of Camera Link Cables.

### Technology:

Equalization is an analog technique to reverse the low pass effect of the cable with a high pass filter to recover and restore the original signal.

Pre-Emphasis is a unique signal improving technique that opens the eye pattern at the far end of the cable for point to point applications. Pre-Emphasis adds additional output current during the transition time of the bit.

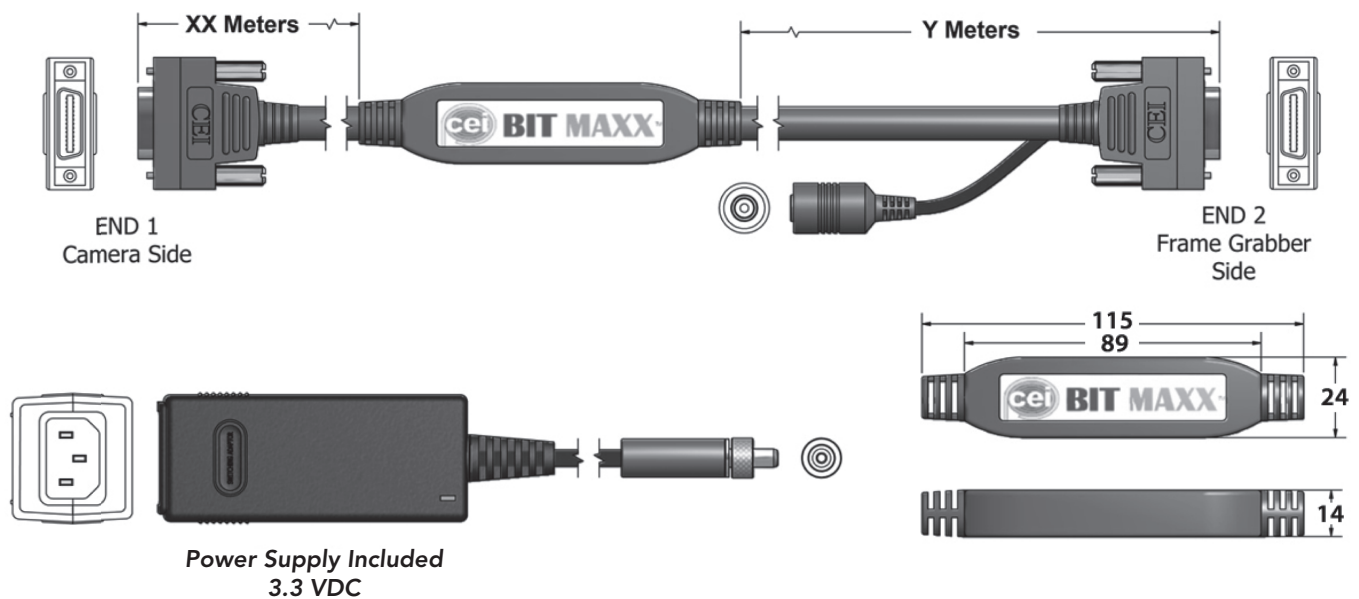
### Benefits:

- Double your cable distance
- Fraction of the cost of repeaters
- High-flex cable construction
- Compact, low profile solution
- PoCL compatible
- Base and Full configurations available

**BIT MAXX™**

### Physical Dimensions:

Units = mm



REV. C



## Base Configuration

Part Numbers:

### MVB-EP-B-(XX)-(Y)

1 Bitmaxx EP base cable, MDR to MDR  
1 Power supply (Does NOT include cord)

### MVB-EPMC-B-(XX)-(Y)

1 Bitmaxx EP base cable  
HDR (Camera side) to MDR (FG side)  
1 Power supply (Does NOT include cord)

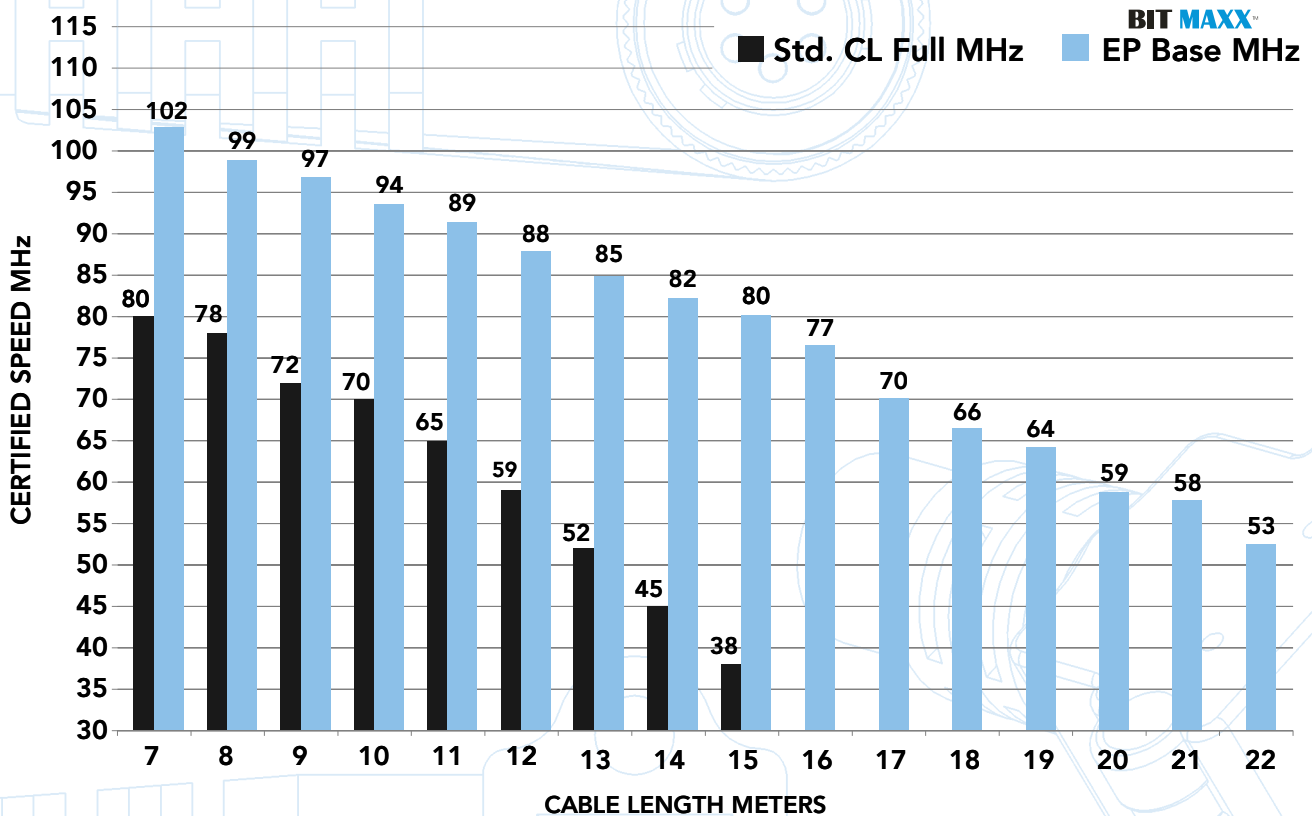
### MVB-EPMF-B-(XX)-(Y)

1 Bitmaxx EP base cable  
HDR (FG side) to MDR (Camera side)  
1 Power supply (Does NOT include cord)

### MVB-EPMM-B-(XX)-(Y)

1 Bitmaxx EP base cable, HDR to HDR  
1 Power supply (Does NOT include cord)

\*See Performance chart below for Length vs Speed.  
For MDR-MDR configurations only.



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## Full Configuration

Part Numbers:

### MVB-EP-F(XX)-(Y)

- 1 Bitmaxx EP base cable, MDR to MDR
- 1 Bitmaxx EP full cable, MDR to MDR
- 1 Power supply (supplies power to both cables)

### MVB-EPMC-F(XX)-(Y)

- 1 Bitmaxx EP base cable HDR (Camera side) to MDR (FG side)
- 1 Bitmaxx EP full cable HDR (Camera side) to MDR (FG side)
- 1 Power supply (supplies power to both cables)

### MVB-EPMF-F(XX)-(Y)

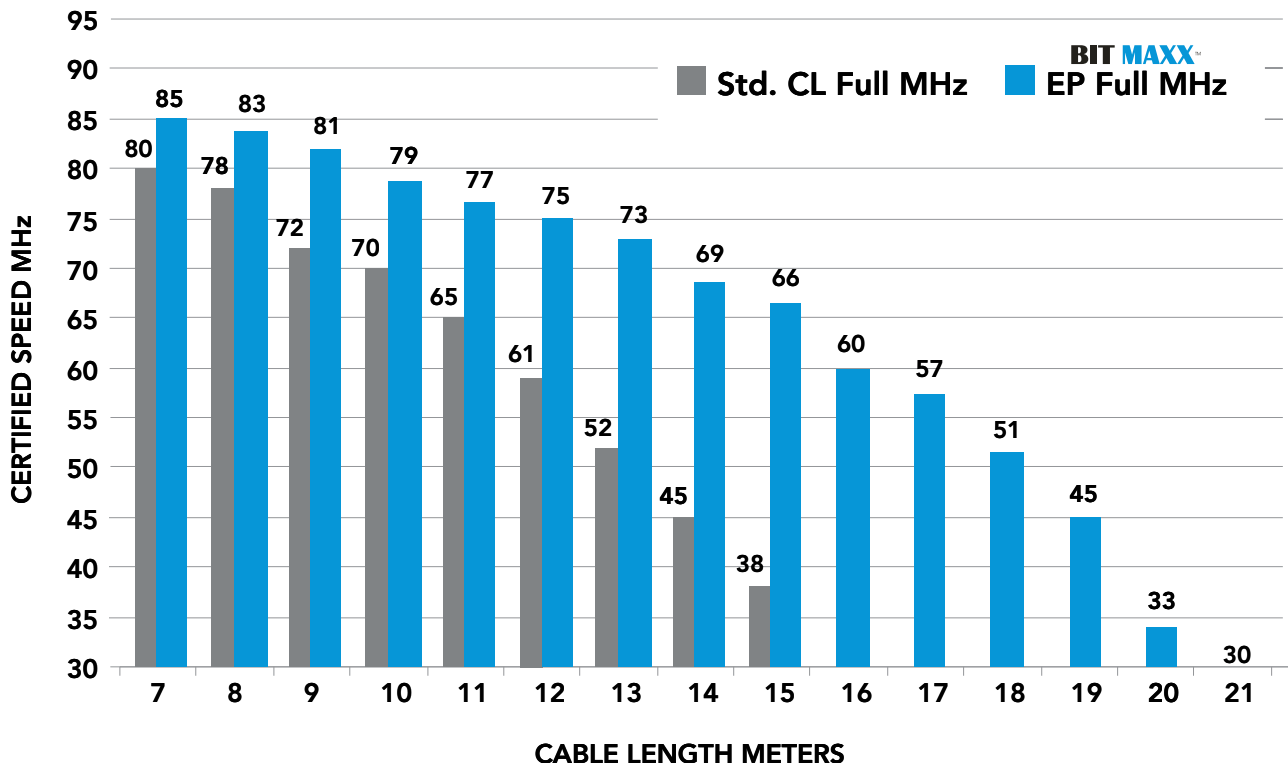
- 1 Bitmaxx EP base cable HDR (FG side) to MDR (Camera side)
- 1 Bitmaxx EP full cable HDR (FG side) to MDR (Camera side)
- 1 Power supply (supplies power to both cables)

### MVB-EPMM-F(XX)-(Y)

- 1 Bitmaxx EP base cable, HDR to HDR
- 1 Bitmaxx EP full cable, HDR to HDR
- 1 Power supply (supplies power to both cables)



**\*See Performance chart below for Length vs Speed.  
For MDR-MDR configurations only.**



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