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

**Physical Dimensions:**
Units = mm

[Diagram showing the dimensions of the Bitmaxx cable with labels for XX Meters, YY Meters, and specific measurements for various parts of the cable.]
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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+----------------+----------------+
|                | Std. CL Full MHz | EP Base MHz |
| 7               | 80              | 80          |
| 8               | 78              | 78          |
| 9               | 72              | 72          |
| 10              | 70              | 70          |
| 11              | 65              | 65          |
| 12              | 59              | 59          |
| 13              | 52              | 52          |
| 14              | 45              | 45          |
| 15              | 38              | 38          |
| 16              | 35              | 35          |
| 17              | 30              | 30          |
+----------------+----------------+
```

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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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Please visit our web site at www.componentsexpress.com for additional information.