Camera Cable Assemblies for long-distance transmission

These cables support Camera Link, which is one of the machine vision interfaces. Our proprietary cable technology and the use of original connectors* have enabled long-distance data transmission up to 30 meters. These are high flex cables that can be used at moving parts.

* The maximum transmission distance changes depending on the performance of the camera and grabber board involved. This cable may have to be used in combination with the camera's built-in Pre-Emphasis function if you require the length of 20 meters or longer. Please provide us with camera details before purchasing this product.

Usage
Connecting a digital camera using the Camera Link interface to a frame grabber
Long-distance interface that supports SDR and MDR connectors

Features
Enabling long-distance data transmission for high bandwidth cameras!!
- This product, when combined with camera's Pre-Emphasis function, enables long-distance data transmission up to 30 meters.
- CL standards: Supporting cameras with the clock rate of 85MHz.
- Supporting full configuration.
- Supporting PoCL
- Flexible, high flex cables that can be used at moving parts.
- These cables are UL compliant (VW-1).
- These cables are RoHS Directive compliant.

Product nomenclature
HPcL - MB - 10M - M M

Transmission characteristics <<Eye Pattern>>
Input voltage: 700mV-p-p, measuring frequency: 595Mbps (assuming the clock rate of 85MHz)

Conventional products

HPcL-M series

Flex resistance characteristics <<Slide Cableveyor>>
Stroke: 500mm, bend radius: 50mm, speed: 30 times / minute
No disconnection after 6 million bending cycles and still counting