

3M Introduces Mini Delta Ribbon Flexible Cables for Digital Cameras in Machine Vision Applications

Building on the new 3M brand MDR Base Configuration [Digital Camera Cable](#) launched earlier this year, the 3M Electronic Solutions Division now offers a range of flexible base configuration cabling solutions for camera-to-framegrabber connection in machine vision applications.

Designed to operate in multiple flex cycle operations such as moving head applications, the new flexible cables mate to industry standard MDR 26-position camera connections and may be used in cost-sensitive machine vision applications where the full bandwidth provided by the 3M Camera Link® cable assemblies is not required.

This product launch includes three new solutions: a flexible cable, standard version, with straight exit thumbscrew backshells; a flexible cable extension, or bulkhead version (male-female), that allows for extension applications or connects to a bulkhead panel for feed-through; and a flexible cable, overmolded, right angle cable drop for space constrained applications.

The flexible base configuration digital camera cable adds another tier to 3M's product offering for machine vision, allowing the use of high-quality 3M cable assemblies in more cost-sensitive, lower bandwidth applications. Additionally, they are used in moving head style applications, common in many segments of industrial automation. Cables are available in stocked standard lengths or custom length variations in varying lead times. Contact your authorized 3M Interconnect distributor for information.

3M is one of the recognized industry leaders in Camera Link connectivity, and the 26-position 3M MDR connector is currently the only known MDR connector approved by the Automated Imaging Association for its Camera Link Standard.

For more information about this and other 3M interconnect products, visit <http://www.3M.com/interconnects>. Photo available on request.

About 3M Electronic Solutions Division

[3M Electronics Solutions Division](#) offers innovative solutions to the electronics market, such as copper interconnect systems; cables and cable assemblies; carrier and cover tapes and trays; flexible circuits; embedded capacitor materials; static control products, and Textool brand test and burn-in sockets.

[About 3M](#)

A recognized leader in research and development, 3M produces thousands of innovative products for dozens of diverse markets. 3M's core strength is applying its more than 40 distinct technology platforms - often in combination - to a wide array of customer needs. With \$24 billion in sales, 3M employs 75,000 people worldwide and has operations in more than 60 countries. For more information, visit <http://www.3M.com>.

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Release Summary:

3M Electronic Solutions Division offers new flexible cables for camera-to-framegrabber connection in machine

vision applications. The new digital camera cable mates to industry standard MDR 26-position camera connections.

Keyword Tags:

3m, digital camera cable, machine vision

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