

3M Offers Wide Range of Power over Camera Link Cabling Solutions for Machine Vision Applications

3M Electronic Solutions Division now offers new cabling solutions for users of high-performance digital camera applications. The High Speed 0.8 mm Cable Assemblies for Power over Camera Link (PoCL) from 3M is based on the PoCL base configuration for machine vision applications. The 3M family of 0.8 mm cable assemblies provides a broad range of interface solutions for Camera Link applications.

PoCL cables mate to industry standard Shrunk Delta Ribbon (SDR) 26-position PoCL camera connections. They enable machine vision cameras to be powered through the data cable rather than a separate power cable, which potentially eliminates the need for a power connector, saving board space and panel real estate, and allowing the design of smaller cameras.

PoCL cable assemblies from 3M are designed to offer high performance and reliability even in the toughest industrial settings. These assemblies are built to rigorous standards of workmanship with premium, quality materials. PoCL cable assemblies from 3M provide excellent signal integrity and low skew, helping customers attain low bit-error rates.

3M is a recognized leader in Camera Link connectivity. For example, the 26-position 3M Mini Delta Ribbon (MDR) Connector is the only known connector approved by the Automated Imaging Association for its Camera Link standard. 3M brand PoCL assemblies are backed by extensive expertise of 3M in technical expertise in connectors, cable and cable assemblies.

[About 3M Electronic Solutions Division](#)

3M Electronics Solutions Division offers innovative solutions to the electronics market, such as static control products; copper interconnect systems; cables and cable assemblies; carrier and cover tapes and trays; flexible circuits; embedded capacitor materials; and Textool brand test and burn-in sockets. For more information on interconnect solutions available from the 3M Electronic Solutions Division, visit www.3minterconnects.com.

[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 \$25 billion in sales, 3M employs 76,000 people worldwide and has operations in more than 60 countries. For more information, visit www.3M.com.

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Release Summary:

The High Speed 0.8 mm Cable Assemblies for Power over Camera Link (PoCL) from 3M is based on the PoCL base configuration for machine vision applications.

Keyword Tags:

3m, cable assemblies, camera link, connectors, digital camera, interconnects, machine vision, pocl, power over camera link

3MJane Kovacs, 512-984-6747jkovacs@mmm.comon Twitter @3MJaneorFor all other inquiries:<http://tinyurl.com/3MPressContact>

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