



# Shrunk Delta Ribbon (SDR) Connector and Cable Assembly .8 mm



3M™ SDR Connector, Vertical, Thruhole Solution



3M™ SDR Connector, Right Angle, Thruhole Solution



3M™ SDR Connector, Right Angle, Surfmount Solution



## New, Smaller Connector Solution Doesn't Sacrifice Performance

3M, the company that developed the 3M™ Mini Delta Ribbon (MDR) Connector and Cable Assembly interface for Camera Link® applications, now offers the same reliable performance in the smaller 3M™ Shrunk Delta Ribbon (SDR) Connector .8 mm interface.

The 3M SDR Connector solution utilizes the same reliable ribbon contact system and polarized steel shell interface in a condensed .8 mm package without sacrificing transmission performance. The SDR connector's innovative packaging design allows for drop-in replacement of existing MDR Camera Link® applications.

3M offers a variety of solutions for Camera Link® applications that require a smaller interface, but can't afford to sacrifice the transmission performance decline that is usually associated with this transition. 3M solutions are comprised of boardmount connectors and cable assembly variations developed to address the migration to smaller Camera Link® interface requirements.

### 3M SDR Boardmount Connectors come in a variety of sizes and configurations:

Configuration	Contacts			Part Number	Tech Sheet
Right Angle SMT	14	26		122xx-8250-00FR	TS-2125
Right Angle TH	14	26	50	122xx-5150-00FR	TS-2124
Straight TH	14	26		122xx-1150-00FR	TS-2126
SDR Accessory	14	26	50	Reference TS	TS-2123

These connectors come complete with jacksocket hardware installed.

## Technical Information

- High Density .8 mm Contact Pitch
- 30u" Gold Contacts
- Low Profile .5 mm Height
- Polarized, Metal EMI/ESD Interface
- Reliable Ribbon Contact
- Complete with Jacksocket Hardware
- RoHS Compliant\*

*\*\*RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or polybrominated diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based on information provided by third party suppliers to 3M.*



## Rugged, Reliable Cable Assembly Solution

The 3M™ Shrunk Delta Ribbon (SDR) Cable Assembly solution is constructed of a rugged, over-mold shell with a reliable thumbscrew locking system. The assemblies have been developed to address the multitude of options now available with the introduction of mini Camera Link® (mini CL). In addition, 3M has added two new features to our standard Camera Link® assembly offering. The first is an over-mold, right angle configuration that provides a low profile, thumbscrew interface.

The right angle option reduces the assembly profile by over four inches when compared to traditional straight exit backshell options. The second new feature is our extender assembly that is used for adding length to the existing cables or providing a means for transition through a bulkhead/mid-span requirement. The extender cables feature over-mold MDR receptacles. Please refer to the Tech Sheet specifications in the enclosed table for additional product details on all of 3M's assembly solutions that comply with Camera Link® specifications.

Camera	Extender	FGB	3M P/N	Tech Sheet
SDR	-	MDR	1MF26-L576-00C-XXX	TS-2122
SDR-MDR	MDR-SDR	SDR	1MG26-LFW0-00C-XXX	TS-2128
SDR	-	SDR	1SF26-L120-00C-XXX	TS-2120
SDR	-	MDR	1MF26-L560-00C-XXX	TS-2121
MDR	-	SDR	1MF26-L560-00C-XXX	TS-2121
MDR	-	SDR	1MF26-L586-00C-XXX	TS-2122
MDR	-	MDR	14X26-SZLB-XXX-OLC	TS-1001
MDR	MDR-MDR	MDR	1W226-TZLB-XXX-OLC	TS-2106

## Features

Standard 1, 2, 5 and 10 Meter Lengths	Standard 28 AWG IDC Termination
Rugged, Over-mold Technology*	Reliable Thumbscrew Locking
Standard Camera Link® Pin Out	Customer Specific Pin-out Available
Low Profile, Right Angle Option	Extender Assemblies

\*Over-mold available for SDR and R/A MDR only.

Refer to the 3M Interconnect website for access to Tech Sheets and additional product details: [www.3m.com/electronics](http://www.3m.com/electronics)

3M is a trademark of 3M Company.  
Camera Link is a certification mark of Automated Imaging Association.

## Important Notice

Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use.

### Warranty; Limited Remedy; Limited Liability.

3M's product warranty is stated in its Product Literature available upon request. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. **Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.**



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40% Pre-consumer waste paper  
10% Post-consumer waste paper



3M™ MDR Cable Assembly,  
MDR/Right Angle Connectors



3M™ SDR Cable Assembly,  
Straight/Straight Connectors



3M™ MDR Cable Assembly,  
SDR/Straight Connectors