

Micro D-Twinax Transition Adapters

Amphenol now offers differential twinax transition adapters in smaller sizes that provide matched impedance interconnection to PCB boards.

Our unique push-pull quick disconnect adapter design offers:

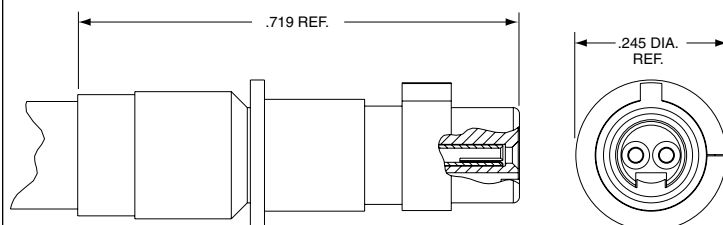
- Advantages over traditional threaded type adapters
- Launching of controlled impedance (100 ohm) signals for high speed twinax contacts with push-pull quick disconnect coupling
- Rugged construction, 100+ mating cycles for reliable and secure data transmission
- Miniature size for tighter spacing on boards
- Intermountability with existing threaded solutions having the same PCB tail footprint
- Styles include:
 - Plug - standard length and extended length options
 - Straight PCB receptacle, 90° PCB receptacle
 - Two jam nut receptacle styles - both with standard length and extended length options
 - Bushing assembly 90° adapter (used with plug or jam nut receptacle)



Micro D-Twinax Transition Adapters
Shown right: Straight receptacle mated to plug
Shown left: Jam nut and 90° receptacles

Push-Pull Quick Disconnect Interconnects

Micro D-Twinax Transition Adapter Plug

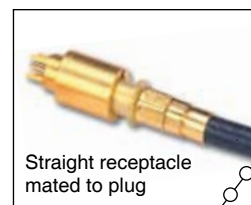
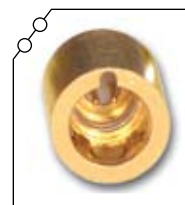
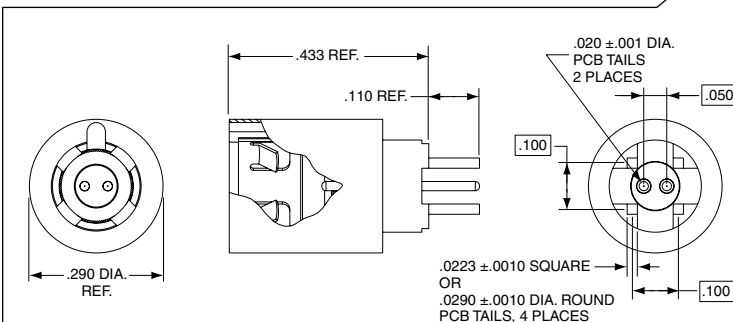


Part Number	Cable Type*	Impedance (Ohms)
21-033832-151	Calmont 3007-1923-12-7	100
21-033832-161	Tensolite 26453/03184X-2LD	
	Thermax 956-626Z	
21-033832-121**	Calmont 3007-1923-12-7	

* See page 3 for information on other cable terminations.

** Same as -151 with extended ferrule for added cable support

Micro D-Twinax Transition Adapter Straight PCB Receptacle



Part Number	Impedance (Ohms)
21-033833-191	100

All dimensions for reference only.

Notice: Specifications are subject to change without notice. Contact your nearest Amphenol Corporation Sales Office for the latest specifications. All statements, information and data given herein are believed to be accurate and reliable but are presented without guarantee, warranty, or responsibility of any kind, expressed or implied. Statements or suggestions concerning possible use of our products are made without representation or warranty that any such use is free of patent infringement and are not recommendations to infringe any patent. The user should assume that all safety measures are indicated or that other measures may not be required. Specifications are typical and may not apply to all connectors.

AMPHENOL is a registered trademark of Amphenol Corporation.

Amphenol
Aerospace

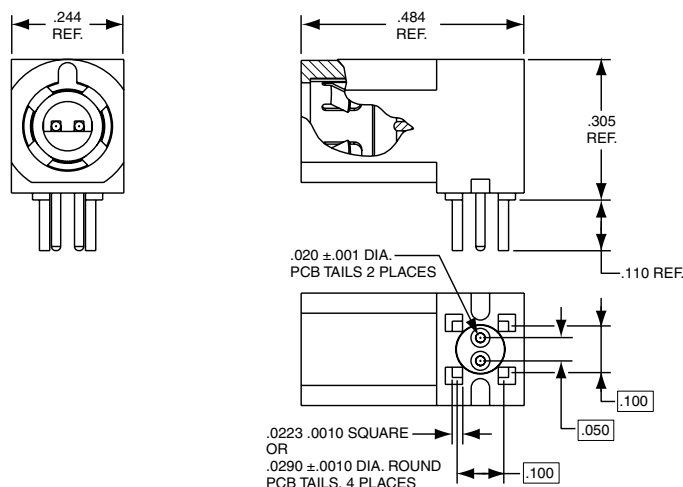
2010 Amphenol Corporation Printed in U.S.A. 11/3/2010

Call 800-678-0141 or visit us at www.amphenol-aerospace.com

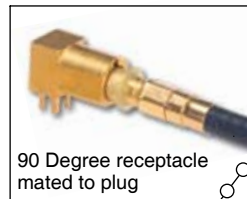
Micro D-Twinax Transition Adapters

Push-Pull Quick Disconnect Interconnects

Micro D-Twinax Transition Adapter 90° PCB Receptacle



All dimensions for reference only.



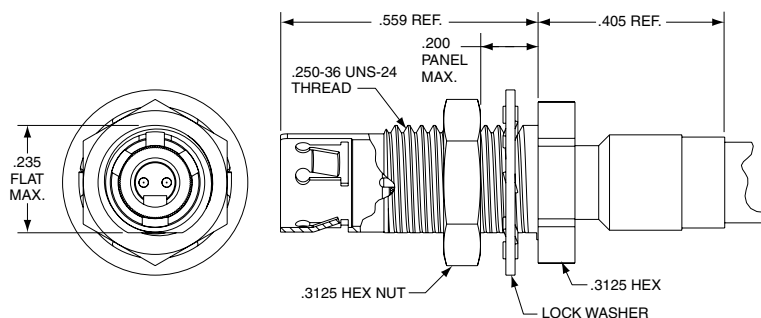
90 Degree receptacle mated to plug

Part Number	Impedance (Ohms)
21-033833-201	100
21-033833-281	
.140 PCB tail length	

Micro D-Twinax Transition Adapter Jam Nut Receptacles

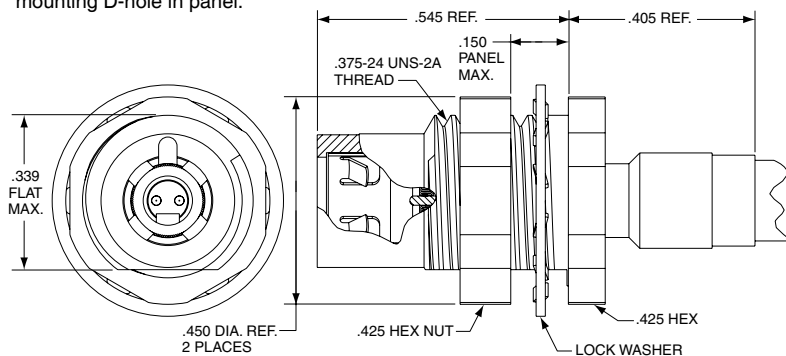
Jam Nut Receptacle, Style 1

Smaller diameter front shell requires a smaller mounting D-hole dimension in panel.



Jam Nut Receptacle, Style 2

Has a larger diameter front shell than Style 1. Requires a larger mounting D-hole in panel.



Jam nut receptacle, Style 1, mated to plug

Part Number	Cable Type*	Impedance (Ohms)
21-033833-241	Calmont 3007-1923-12-7	100
21-033833-261	Tensolite 26453/03184X-2LD	
	Thermax 956-626Z	
21-033833-211**	Calmont 3007-1923-12-7	

* See page 3 for information on other cable terminations.

** Same as -241 with extended ferrule for added cable support



Jam nut receptacle, Style 2, mated to plug

Part Number	Cable Type*	Impedance (Ohms)
21-033833-251	Calmont 3007-1923-12-7	100
21-033833-271	Tensolite 26453/03184X-2LD	
	Thermax 956-626Z	
21-033833-231**	Calmont 3007-1923-12-7	

* See page 3 for information on other cable terminations.

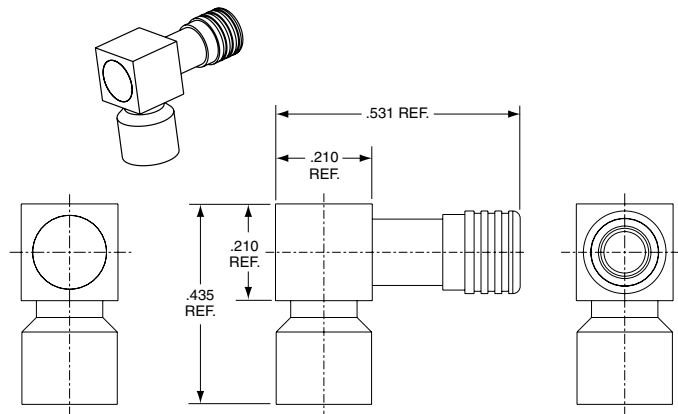
** Same as -251 with extended ferrule for added cable support

Micro D-Twinax Transition Adapters

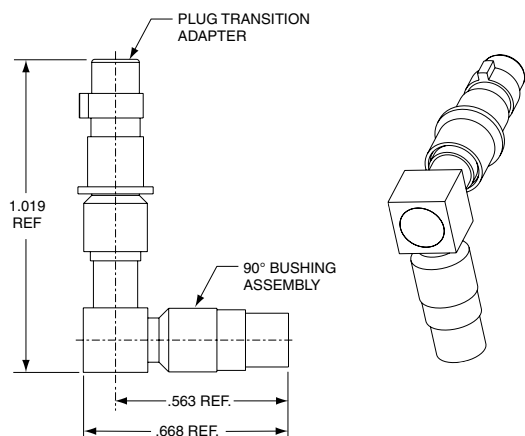
Push-Pull Quick Disconnect Interconnects

90° Bushing Assemblies for use with Wired Micro D Transition Adapters

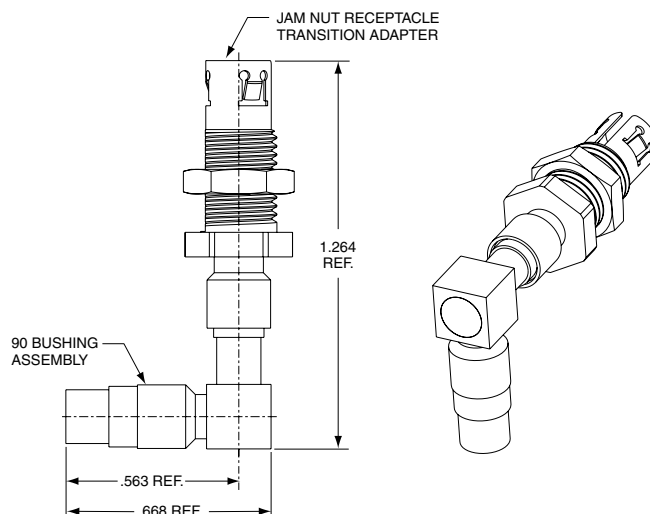
To facilitate tight cable bend requirements, Amphenol provides 90° bushing assemblies which convert straight plug and receptacle wired adapters into 90° wired adapters.



Illustrations below show how the 90° bushing assembly attaches to either a plug or a jam nut receptacle adapter.



90° Bushing Assembly with Wired Micro D Plug Transition Adapter



90° Bushing Assembly with Wired Micro D Jam Nut Receptacle Transition Adapter

All dimensions for reference only.

90° Bushing Assembly Part Number

21-033425-201

90° bushing assembly is ordered separately.
Adapters are not included with bushing assembly.



90° Bushing Assembly with
Jam Nut Micro D Transition
Adapter

Amphenol transition adapters are capable of terminating to additional 100 Ohm cables beyond what are listed in the charts on pages 1 and 2. Cables need to have the following dimensions:

- .0210/.011 Dia. stranded center conductor (26/30 AWG)
- .045 Dia. max. inner wire insulation
- .115 Dia. max. outer braid (round type preferred)
- .150 Dia. max. jacket

Consult Amphenol Aerospace for other cable termination possibilities.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9