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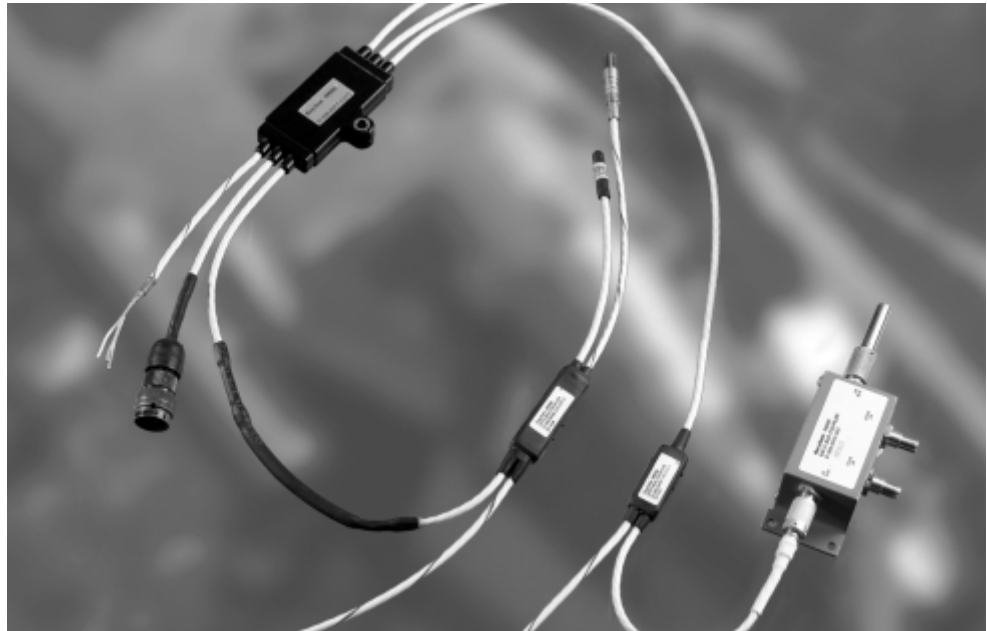
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METRIC
 Dimensions in this section
 are millimeters over inches

Introduction

The full line of Raychem data bus products offers a complete system of inter-connection hardware for all MIL-STD-1553B multiplexing needs.

Available components include:

- Couplers (micros, boxes, flat packs)
- Data bus cables
- Triax connectors and contacts with strain relief
- One-piece triaxial contacts for MIL-C-38999 connectors (size 8 cavity)
- Bus and stub terminators
- Cable marker sleeves (TMS)
- Lightweight couplers (see pages 13008-13010)
- Space components (see pages 13016-13018)
- Harness design (HarnWare)

All Raychem data bus components offer:

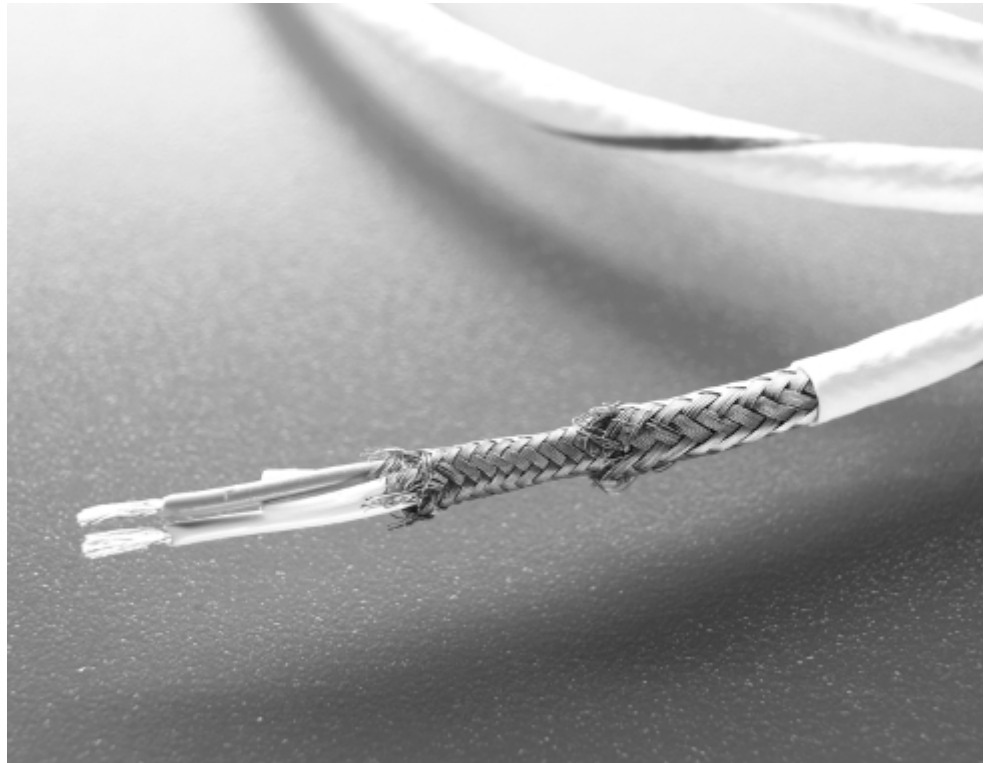
- High packaging density and weight savings
- Design flexibility
- High performance (to 150°C [302°F] rating)

Raychem MIL-STD-1553B data bus components are also specified in the Air Force drawings listed in Air Force Drawing 8340707.

Tyco Electronics also supplies complete Raychem data bus networks in accordance with customer harness drawings. Using factory-built harnesses eliminates unnecessary splices and connectors, reducing the cost and increasing the reliability of the networks. Factory-built harnesses are pre-tested and ready for installation.

Product Facts

- Light weight
- Highly flexible
- Flame resistant
- Chemical resistant to all aircraft fluids
- Solder iron resistant
- Defined shielding levels

Cables

13

Data Bus (MIL-STD-1553B) Components

Applications

Tyco Electronics manufactures a line of Raychem SPEC 55 data bus cables that meet or exceed the performance requirements of MIL-STD-1553B.

SPEC 55 insulation is a high-temperature, radiation-crosslinked, modified ETFE material that can be used in wire constructions rated up to 200°C [392°F].





Note: Tyco Electronics will build harnesses with any customer specified cables and/or connectors.

Specifications/Approvals

Cables (Continued)

Series	Military
SPEC 55 insulation	MIL-W-22759/32-35
	MIL-W-22759/41-46

Product Selection

Cable Type		Part No.
24 AWG Single Optimized Shield		10612
24 AWG Double Optimized Shield		10613
24 AWG EMP Hardened		10614
24 AWG Flat Shield, Unfilled		7724 E 2664

In-Line Microcouplers: One- and Two-Stub

Product Facts

- Environmental sealing
- No connectors
- Very small size
- Light weight (1 stub: 10 g max.; 2 stubs: 15 g max.)
- In-line profile that makes wire bundle mounting possible
- 360° continuous low-impedance cable-shield terminations
- Reliable solder termination of all components
- Potted circuit elements for maximum durability and in-use reliability
- Ease of installation
- Altitude immersion resistance
- Optional eyelet configurations for bulkhead mounting
- Mean time between failures > 1,000,000 hours



Applications

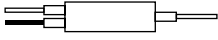
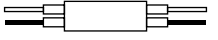
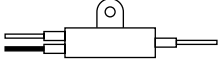



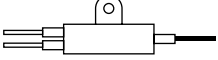
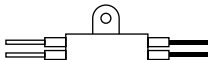
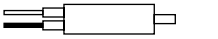
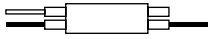
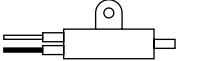
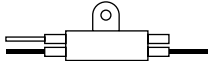
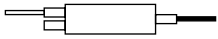
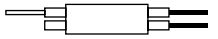
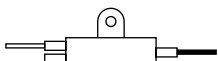
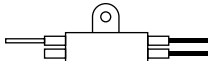
The low-profile configuration of these couplers enables avionics system designers to plan for optimum coupler locations. Microcouplers are supplied with Raychem SPEC 55 data bus cables, including EMP-hardened versions. They are also available assembled with other components into a complete data bus harness.



Specifications/Approvals

Series	Military	Raychem
D-500-04	MIL-STD-1553B	D-6020

Product Selection

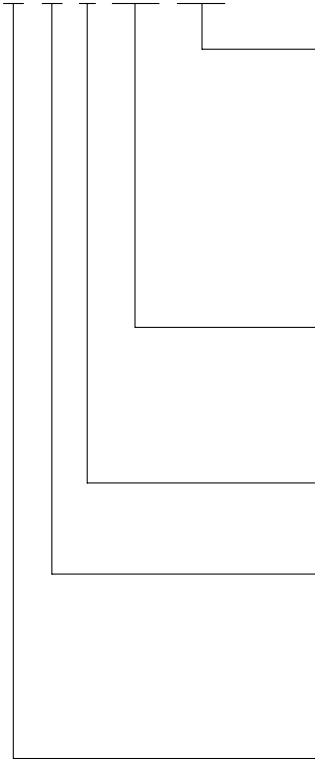
In-Line Microcouplers: One- and Two-Stub (Continued)

Single Stub		Double Stub	
D-500-0455-1-YYY-ZZZ		D-500-0455-2-YYY-ZZZ	
D-500-0465-1-YYY-ZZZ		D-500-0465-2-YYY-ZZZ	
D-500-0456-1-YYY-ZZZ		D-500-0456-2-YYY-ZZZ	
D-500-0466-1-YYY-ZZZ		D-500-0466-2-YYY-ZZZ	
D-500-0457-1-YYY-ZZZ		D-500-0457-2-YYY-ZZZ	
D-500-0467-1-YYY-ZZZ		D-500-0467-2-YYY-ZZZ	
D-500-0458-1-YYY-ZZZ		D-500-0458-2-YYY-ZZZ	
D-500-0468-1-YYY-ZZZ		D-500-0468-2-YYY-ZZZ	

Note:
 1. Bus cable 
 2. Stub cable 

Microcoupler Part Numbering System

D-500-04W W-X-YYY-ZZZ



Standard Cable Length

- 012 = 12 in (1 ft)
- 078 = 78 in (6.5 ft)
- 079 = 79 in (2 m)
- 120 = 120 in (10 ft)
- 236 = 236 in (6 m)
- 240 = 240 in (20 ft)
- 360 = 360 in (30 ft)

Cable Type

- 612 = 10612 (24 AWG single optimized shield)
- 613 = 10613 (24 AWG double optimized shield)
- 614 = 10614 (24 AWG EMP hardened)

Number of Stubs

- 1 or 2

Design

- 5 = Without internal terminator
- 6 = Same as 5 but with reverse bus
- 7 = With internal terminator
- 8 = Same as 7 but with reverse bus

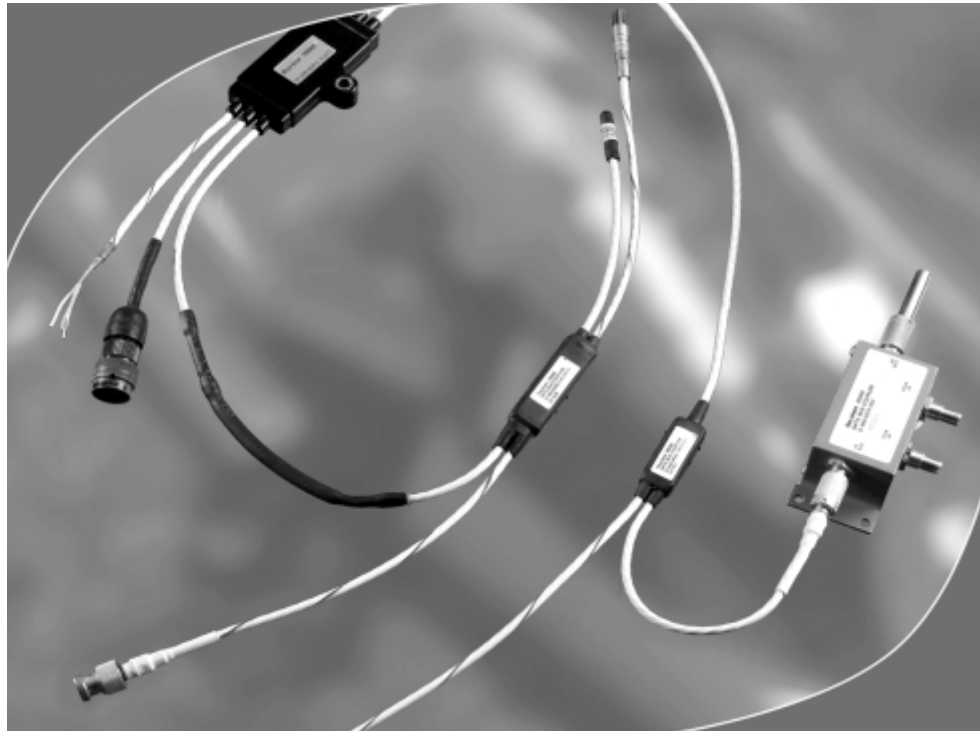
Boot

- 5 = Without mounting eyelet
- 6 = With mounting eyelet

Ultra Lightweight In-Line Microcouplers 1- Through 6-Stub

Product Facts

- Environmental sealing
- No connectors
- Very small size
- Ultra Light weight
(1 stub: 6.5 g max.; 2 stubs: 9.5 g max.)
- In-line profile that makes wire bundle mounting possible
- 360° continuous low-impedance cable-shield terminations
- Reliable solder termination of all components
- Potted circuit elements for maximum durability and in-use reliability
- Ease of installation
- Altitude immersion resistance
- Optional eyelet configurations for bulkhead mounting
- Mean time between failures > 1,000,000 hours



Applications

Building on over 20 years of experience and continuous improvement in data bus, including pioneering in-line microcouplers, Tyco Electronics introduces a new family of ultra light-weight In-line Raychem Microcouplers, available in 1- through 6-stub configurations.

These couplers offer the same high performance and reliability as Raychem current microcouplers, but their weight is further reduced. They are available in configurations up to 6-stub, and minimize weight there is no option with a mounting eyelet.

Combined with Raychem 24 AWG data bus cables, these ultra light couplers

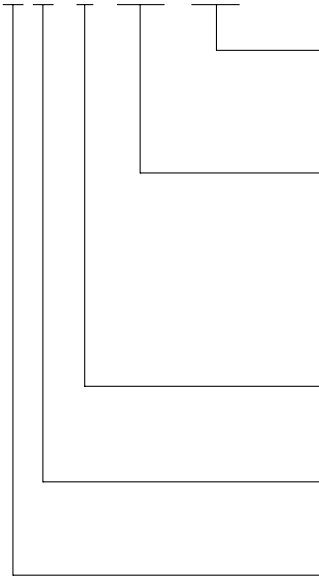
allow designers to significantly reduce weight. An unfilled flat braid cable is available for additional weight savings.

They are also available assembled with other customer specified components into a complete factory-built and tested data bus harness.

Specifications/approvals

Series	Military	Raychem
D-500-L4xx	MIL-STD-1553B	D-6020 (same as current microcouplers)

D-500-L4 5 W -X -YYY -ZZZ



Cable Length

012 = 12 in 079 = 79 in 236 = 236 in
078 = 78 in 120 = 120 in 240 = 240 in
360 = 360 in

Cable Type

612 = 10612 (24 AWG single optimized shield)
613 = 10613 (24 AWG double optimized shield)
614 = 10614 (24 AWG EMP hardened)
E26 = 7724E2664 (24 AWG flat shield, unfilled)
Lightest cable

Number of Stubs

1, 2, 3, 4, 5 or 6

Design

5 = Without internal terminator
7 = With internal terminator

Style

5 = Without eyelet

Product Selection

D-500-L455-X-YYY-ZZZ

End View Left Side		End View Right Side
	1 stub	
	2 stub	
	3 stub	
	4 stub	
	5 stub	
	6 stub	

D-500-L456-X-YYY-ZZZ

End View Left Side		End View Right Side
	1 stub	
	2 stub	
	3 stub	
	4 stub	
	5 stub	
	6 stub	

D-500-L457-X-YYY-ZZZ

End View Left Side		End View Right Side
	1 stub	
	2 stub	
	3 stub	
	4 stub	
	5 stub	
	6 stub	

D-500-L458-X-YYY-ZZZ

End View Left Side		End View Right Side
	1 stub	
	2 stub	
	3 stub	
	4 stub	
	5 stub	
	6 stub	

Legend

- Bus cable ○
- Stub cable ●

Product Facts

- Light, robust coupler modules with connector versatility
- Up to eight stub connectors can be arrayed on the “face” of the box coupler. Bus connectors can also be on the “face” or on the “side” of the box
- Designed with Raychem D-621 series corrosion-resistant threaded-type or bayonet connectors

Box Couplers



13 Data Bus (MIL-STD-1553B) Components

Applications

The multiport capability of these couplers (up to eight stubs) enables avionics system designers to interconnect black boxes with minimum wire runs. Box couplers are supplied with Raychem triaxial threaded or bayonet connectors.

Note: Tyco Electronics also designs and manufactures customized Raychem data bus box couplers.

Specifications/Approvals

Series	Military	Raychem
D-500-0255	MIL-STD-1553	D-6021

Box Couplers (Continued)

Coupler Type	Part No.			
	Threaded	Bayonet A*	Bayonet B*	Bayonet C*
Face - 1 Stub	D-500-0255-511-1	D-500-0255-513-1	D-500-0255-515-1	D-500-0255-517-1
Face - 2 Stub	D-500-0255-521-1	D-500-0255-523-1	D-500-0255-525-1	D-500-0255-527-1
Face - 3 Stub	D-500-0255-531-1	D-500-0255-533-1	D-500-0255-535-1	D-500-0255-537-1
Face - 4 Stub	D-500-0255-541-1	D-500-0255-543-1	D-500-0255-545-1	D-500-0255-547-1
Face - 5 Stub	D-500-0255-551-1	D-500-0255-553-1	D-500-0255-555-1	D-500-0255-557-1
Face - 6 Stub	D-500-0255-561-1	D-500-0255-563-1	D-500-0255-565-1	D-500-0255-567-1
Face - 7 Stub	D-500-0255-571-1	D-500-0255-573-1	D-500-0255-575-1	D-500-0255-577-1
Face - 8 Stub	D-500-0255-581-1	D-500-0255-583-1	D-500-0255-585-1	D-500-0255-587-1
Side - 1 Stub	D-500-0255-512-1	D-500-0255-513-2	D-500-0255-515-2	D-500-0255-517-2
Side - 2 Stub	D-500-0255-522-1	D-500-0255-523-2	D-500-0255-525-2	D-500-0255-527-2
Side - 3 Stub	D-500-0255-532-1	D-500-0255-533-2	D-500-0255-535-2	D-500-0255-537-2
Side - 4 Stub	D-500-0255-542-1	D-500-0255-543-2	D-500-0255-545-2	D-500-0255-547-2
Side - 5 Stub	D-500-0255-552-1	D-500-0255-553-2	D-500-0255-555-2	D-500-0255-557-2
Side - 6 Stub	D-500-0255-562-1	D-500-0255-563-2	D-500-0255-565-2	D-500-0255-567-2
Side - 7 Stub	D-500-0255-572-1	D-500-0255-573-2	D-500-0255-575-2	D-500-0255-577-2
Side - 8 Stub	D-500-0255-582-1	D-500-0255-583-2	D-500-0255-585-2	D-500-0255-587-2

*The bayonet polarization listed is for the bus connector. All stub connectors are Bayonet D polarization. Polarizations are depicted as follows (jack view):

1 = A



2 = B



3 = C



4 = D



Discrete Connectors

Product Facts

- Compliance with MIL-STD-1553B hardware requirements
- Light weight
- Removable pin or socket contacts
- Termination with Raychem MIL-STD-1553B data bus cables, including EMP-hardened versions
- Continuous 360° shield coverage
- Rugged constructions
- Termination time of 1 to 2 minutes
- Inspectable solder terminations
- Low-skill assembly
- Reworkable and repairable terminations
- Strain relief built into the design
- Low-voltage drop and high reliability because of precisely controlled solder terminations
- Threaded coupling, with safety wire holes and bayonet coupling styles
- Low total installed cost
- 1000-hour salt spray resistance
- Lower-cost connectors, for benchtop and mock-up



Applications

Designed specifically for MIL-STD-1553B data bus applications, the D-621 connector is intended to be a perfect match for the Raychem airworthy data bus cable. Together they provide durable, reliable, and reworkable interconnection hardware for the MIL-STD-1553B market.

Specifications/Approvals

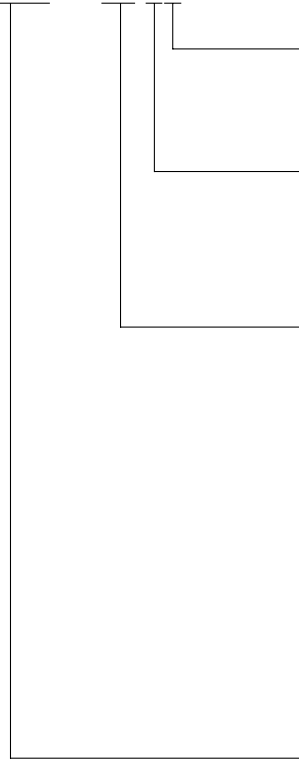
Series	Military	Raychem
DK-621	MIL-STD-1553B	D-6025

13
Data Bus (MIL-STD-1553B) Components

Connector Kit Part
Numbering System

Discrete Connectors (Continued)

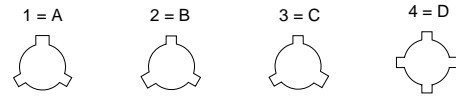
DK-621-04 XX-XX



Contact (installed, DK-621 kits only)

P = Pin
S = Socket

Polarization (bayonet styles only) (jack view)



Basic Connector Configurations

Threaded styles

11 = Plug
12 = Jack

Bayonet styles

33 = Plug, A polarization
34 = Jack, A polarization
35 = Plug, B polarization
36 = Jack, B polarization
37 = Plug, C polarization
38 = Jack, C polarization
39 = Plug, D polarization
40 = Jack, D polarization

D-621 connector, kitted with accessories

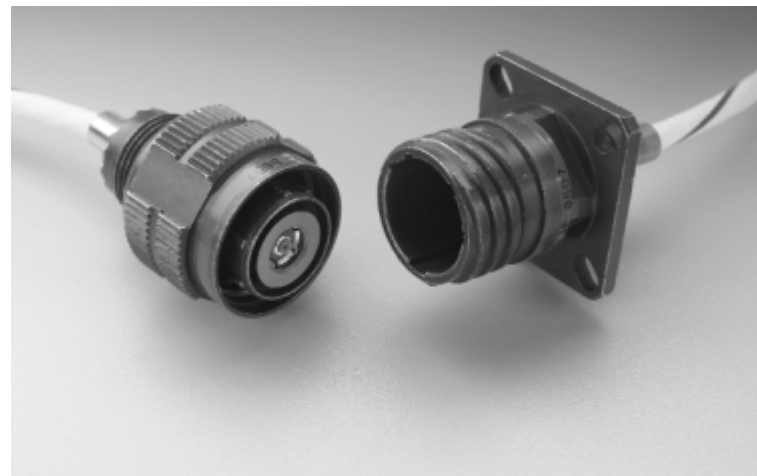
Example:

DK-621-0434-1P = D-621
connector, kitted with
accessories, jack bayonet
style with A polarization and
pin contact.

Triaxial Size 8 Contacts

Product Facts

- One-step termination
- Termination time of 1 to 2 minutes
- No requirements for special termination tools
- No requirements for special skills
- Reworkable and repairable terminations
- Strain relief
- Continuous 360° shield coverage
- Triaxial mating face for least susceptibility to damage
- Rugged construction, because only two parts are being soldered together
- Inspectable solder terminations
- Low voltage drop and high reliability due to precisely controlled solder termination



Applications

Contacts provide full shield coverage with a simple, quick, and reliable termination system. 24 AWG twisted-pair data bus cables are terminated with triaxial SolderTacts contacts, which fit size 8 cavities of MIL-C-38999, Series 1, 3, or 4 connectors.

Raychem size 8 triaxial data bus contacts for MIL-C-38999 connectors have interfaces that comply with MIL-C-39029/90 and /91 to provide ease of termination, and intermateability with more cumbersome crimp contacts.

These contacts provide a fast and convenient method of implementing MIL-STD-1553B connections in MIL-STD-1760 applications.

Specifications/Approvals

Series	Raychem
Size 8	D-6002

Product Selection

Cable Type	Pin	Socket
10612	DK-602-0156-N-1	DK-602-0157-N-1
10613	DK-602-0156-N-2	DK-602-0157-N-2
10614	DK-602-0156-N-3	DK-602-0157-N-3

Product Facts

- Complete line of space-qualified MIL-STD-1553B components
- Low outgassing levels that meet NASA requirements
- Light weight
- Rugged construction

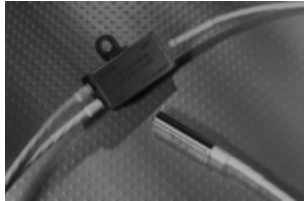


Figure 1. In-line couplers and terminators



Figure 2. Threaded triaxial connectors

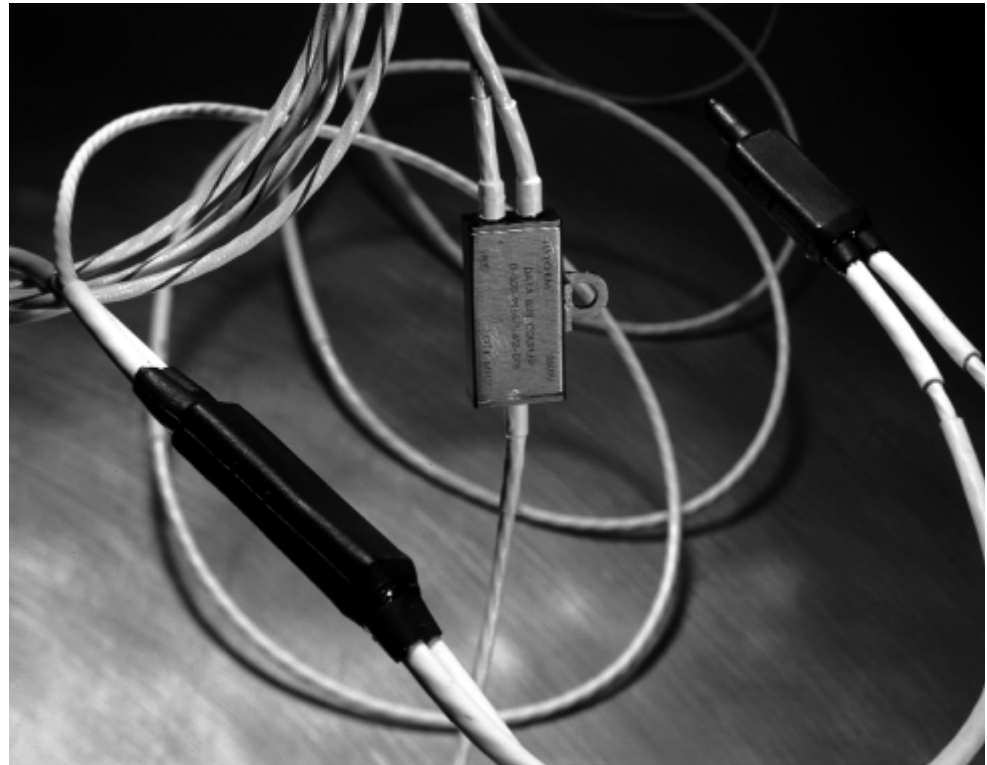


Figure 3. Bayonet triaxial connectors



Figure 4. Splice kit

Space-Grade Data Bus Components



Applications

Tyco Electronics full line of Raychem data bus products includes space-grade couplers, terminators, triaxial connectors, and SolderShield splices. These space-grade components meet the low outgassing requirements of NASA specification SP-R-0022A and can be used in outer-space applications.

Raychem space-grade components are designed in a variety of configurations and are currently available either as discrete items or as Raychem- assembled harnesses. Using factory-built harnesses eliminates unnecessary splices and connectors, reducing the cost and increasing the reliability of the networks. Specification control drawings describe the design

features and performance characteristics of Raychem space-grade couplers, terminators, connectors, and splices. The space-grade data bus couplers, terminators, and connectors have tin/nickel-plated metallic parts and baked silicone rubber components. For strain relief they include Raychem RT-218 low-outgassing tubing. Unlike parts intended for aircraft applications, these components do not have polymeric environmental covers.

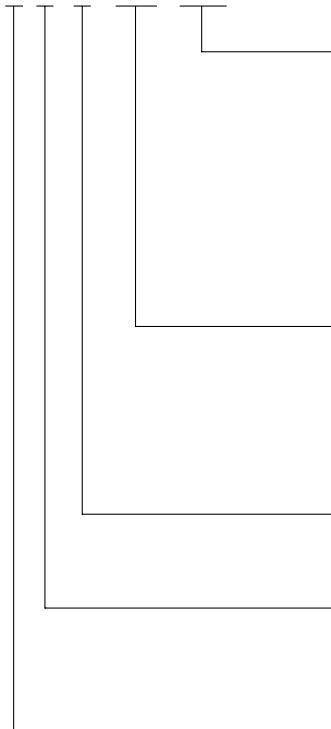
The table on the next page lists Raychem standard space-grade data bus components with their part numbers and descriptions. New components will become available per customer request.

Space-Grade Data Bus Components (Continued)

Series	Raychem
Space-grade data bus components	D-6022

Space-Grade In-Line Coupler
Part Numbering System

D-500-94 W W -X -YYY -ZZZ



Cable Length

- 012 = 12 in
- 078 = 78 in
- 079 = 79 in
- 120 = 120 in
- 236 = 236 in
- 240 = 240 in
- 360 = 360 in

Cable Type

- 612 = 10612 (24 AWG single optimized shield)
- 613 = 10613 (24 AWG double optimized shield)
- 614 = 10614 (24 AWG EMP hardened)
- S06 = flat shield, unfilled (lightest cable)

Number of Stubs

- 1, 2, 3, or 4

Design

- 5 = Without internal terminator
- 7 = With internal terminator

Style

- 5 = Without mounting eyelet
- 6 = With mounting eyelet

Space-Grade Connectors
Part Numbering System

Space-Grade Data Bus Components (Continued)

DK-621 -09 XX -X X

Contact (installed, DK-621 kits only)

P = Pin*

S = Socket*

*May be ordered separately as D-602-0126 (pin) and D-602-0127 socket

Polarization (bayonet styles only) (jack view)

1 = A

2 = B

3 = C

4 = D



Basic Connector Configurations

Threaded styles:

11 = Plug

12 = Jack

Bayonet styles:

33 = Plug, A polarization

34 = Jack, A polarization

35 = Plug, B polarization

36 = Jack, B polarization

37 = Plug, C polarization

38 = Jack, C polarization

39 = Plug, D polarization

40 = Jack, D polarization

D-621 Connector, Kitted with Accessories

Space-Grade Terminators
Part Numbering System

D-500-9463- ZZZ

Cable Type

612 = 10612 (24 AWG single optimized shield)

613 = 10613 (24 AWG double optimized shield)

614 = 10614 (24 AWG EMP hardened)

S06 = flat shield, unfilled (lightest cable)

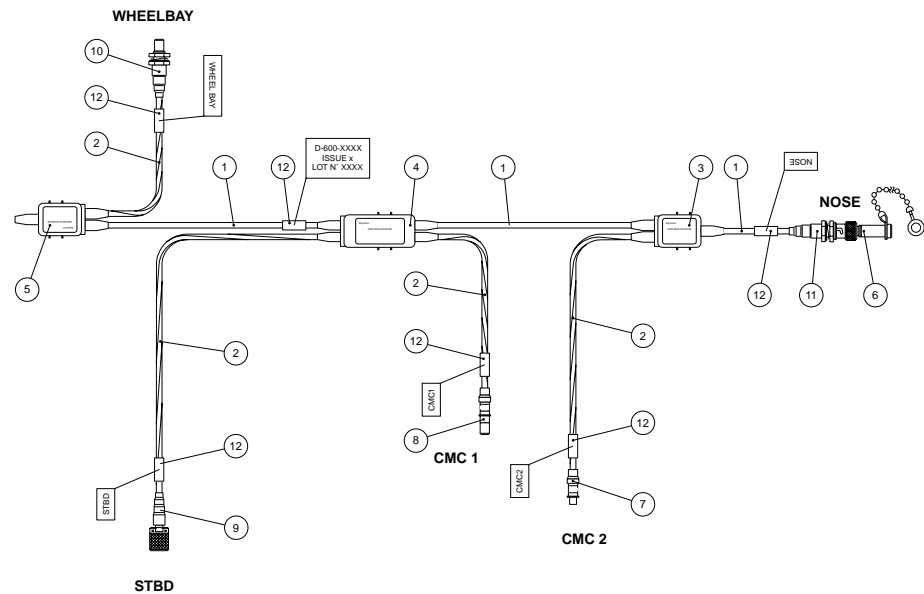
Space-grade Splice Kit = D-150-9708-5

Customer-Specified Harness Assemblies and HarnWare

Tyco Electronics supplies complete Raychem data bus networks in accordance with customer harness drawings, with any customer-specified cables and/or connectors. Using factory-built harnesses eliminates unnecessary splices and connectors, reducing the cost and increasing the reliability of the networks. Factory-built harnesses are pre-tested and ready for installation.

HarnWare — harness design software — allows designers to draw a data bus harness in a matter of minutes, while selecting Raychem or others' components; a bill of materials is automatically generated.

Parts List



Item	Description	Part No.	Spec/Remarks	Qty	Unit
1	Data bus Cable	10613-9	Raychem	5.3	M
2	Data bus Cable	10613-96	Raychem	7	M
3	Data bus Coupler	D-500-0455-1	Raychem	1	Pc
4	Data bus Coupler	D-500-0455-2	Raychem	1	Pc
5	Data bus Coupler	D-500-0457-1	Raychem	1	Pc
6	Data bus Connector	D-621-0469-L	Raychem	1	Pc
7	Data bus Contact	DK-602-0156-N-2	Raychem	1	Pc
8	Data bus Contact	DK-602-0157-N-2	Raychem	1	Pc
9	Data bus Connector	DK-621-0411-P	Raychem	1	Pc
10	Data bus Connector	DK-621-0412-P	Raychem	1	Pc
11	Data bus Connector	DK-621-0434-1P	Raychem	1	Pc
12	Marker Sleeve	TMS-SCE-3/16-2.0-9	Raychem	6	Pc

Accessories

Product Facts

- A single source for all harness components
- Products designed to work together

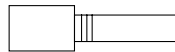
**Applications**

Tyco Electronics manufactures all the products needed to build a MIL-STD-1553B data bus network. In addition to the main components (couplers, connectors, contacts, and cables), Tyco Electronics supplies the accessory components that may be necessary to complete a data bus system.

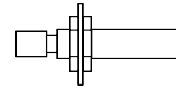
These include:

- Bus and stub terminators (spliced-in and connectorized D-621 series).
- Cable splice kits.
- EMI/environment-resistant connector caps.
- Braid terminators and strain relief tubing (for rework applications).

Product Selection



D-621 Plug



D-621 Jack



Splice-in

Bus and Stub Terminators

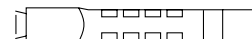
Spliced-in	12-inch Cable				
77-ohm 10612 cable	D-500-0463-612				
77-ohm 10613 cable	D-500-0463-613				
77-ohm 10614 cable	D-500-0463-614				
77-ohm 7724E2664 cable	D-500-0463-E26				
D-621 Series—Plug	Threaded	Bayonet A	Bayonet B	Bayonet C	Bayonet D
77-ohm pin contact	D-621-0413	D-621-0453	D-621-0454	D-621-0455	D-621-0456
77-ohm socket contact	D-621-0415	D-621-0469	D-621-0470	D-621-0471	D-621-0472
3000-ohm pin contact	D-621-0417	D-621-0457	D-621-0458	D-621-0459	D-621-0476
3000-ohm socket contact	D-621-0407	D-621-0473	D-621-0474	D-621-0475	D-621-0460
D-621 Series—Jack	Threaded	Bayonet A	Bayonet B	Bayonet C	Bayonet D
77-ohm pin contact	D-621-0418	D-621-0477	D-621-0478	D-621-0479	D-621-0480
77-ohm socket contact	D-621-0406	D-621-0461	D-621-0462	D-621-0463	D-621-0464
3000-ohm pin contact	D-621-0423	D-621-0481	D-621-0482	D-621-0483	D-621-0484
3000-ohm socket contact	D-621-0424	D-621-0465	D-621-0466	D-621-0467	D-621-0468
D-621 Series—L	Lanyard 7"	—	—	—	—

Connector Caps



D-621 Series	Threaded	Bayonet A	Bayonet B	Bayonet C	Bayonet D
Plug cap for jack connector Supplied with 7" Lanyard	D-600-0083	D-600-0068	D-600-0068	D-600-0068	D-600-0065

Cable Splice Kits



Cables	Flexible Crimp
All data bus cables	D-150-0708-5

Terminator and Connector and Compatibility — Bayonet and Threaded Connectors

Panel Thickness	Connector	Contact	Terminator Reference	Mate with	
				Standard Connector	Long Reach Connector
Bayonet Connectors					
Polarity A					
77 Ohm bus terminator	Plug	Pin	D-621-0453(-L)	DK-621-0434-1S	DK-621-0550-1S
	Plug	Socket	D-621-0469(-L)	DK-621-0434-1P	DK-621-0550-1P
	Jack	Pin	D-621-0477(-L)	DK-621-0433-1S	—
	Jack	Socket	D-621-0461(-L)	DK-621-0433-1P	—
3K Ohm stub terminator	Plug	Pin	D-621-0457(-L)	DK-621-0434-1S	DK-621-0550-1S
	Plug	Socket	D-621-0473(-L)	DK-621-0434-1P	DK-621-0550-1P
	Jack	Pin	D-621-0481(-L)	DK-621-0433-1S	—
	Jack	Socket	D-621-0465(-L)	DK-621-0433-1P	—
Polarity B					
77 Ohm bus terminator	Plug	Pin	D-621-0454(-L)	DK-621-0436-2S	DK-621-0548-2S
	Plug	Socket	D-621-0470(-L)	DK-621-0436-2P	DK-621-0548-2P
	Jack	Pin	D-621-0478(-L)	DK-621-0435-2S	—
	Jack	Socket	D-621-0462(-L)	DK-621-0435-2P	—
3K Ohm stub terminator	Plug	Pin	D-621-0458(-L)	DK-621-0436-2S	DK-621-0548-2S
	Plug	Socket	D-621-0474(-L)	DK-621-0436-2P	DK-621-0548-2P
	Jack	Pin	D-621-0482(-L)	DK-621-0435-2S	—
	Jack	Socket	D-621-0466(-L)	DK-621-0435-2P	—
Polarity C					
77 Ohm bus terminator	Plug	Pin	D-621-0455(-L)	DK-621-0438-3S	DK-621-0546-3S
	Plug	Socket	D-621-0471(-L)	DK-621-0438-3P	DK-621-0546-3P
	Jack	Pin	D-621-0479(-L)	DK-621-0437-3S	—
	Jack	Socket	D-621-0463(-L)	DK-621-0437-3P	—
3K Ohm stub terminator	Plug	Pin	D-621-0459(-L)	DK-621-0438-3S	DK-621-0546-3S
	Plug	Socket	D-621-0475(-L)	DK-621-0438-3P	DK-621-0546-3P
	Jack	Pin	D-621-0483(-L)	DK-621-0437-3S	—
	Jack	Socket	D-621-0467(-L)	DK-621-0437-3P	—
Polarity D					
77 Ohm bus terminator	Plug	Pin	D-621-0456(-L)	DK-621-0440-4S	DK-621-0551-4S
	Plug	Socket	D-621-0472(-L)	DK-621-0440-4P	DK-621-0551-4P
	Jack	Pin	D-621-0480(-L)	DK-621-0439-4S	—
	Jack	Socket	D-621-0464(-L)	DK-621-0439-4P	—
3K Ohm stub terminator	Plug	Pin	D-621-0460(-L)	DK-621-0440-4S	DK-621-0551-4S
	Plug	Socket	D-621-0476(-L)	DK-621-0440-4P	DK-621-0551-4P
	Jack	Pin	D-621-0468(-L)	DK-621-0439-4S	—
	Jack	Socket	D-621-0484(-L)	DK-621-0439-4P	—
Threaded Connectors					
77 Ohm bus terminator	Plug	Pin	D-621-0413(-L)	DK-621-0412-S	DK-621-0512-S
	Plug	Socket	D-621-0415(-L)	DK-621-0412-P	DK-621-0512-P
	Jack	Pin	D-621-0418(-L)	DK-621-0411-S	—
	Jack	Socket	D-621-0406(-L)	DK-621-0411-P	—
3K Ohm stub terminator	Plug	Pin	D-621-0417(-L)	DK-621-0412-S	DK-621-0512-S
	Plug	Socket	D-621-0407(-L)	DK-621-0412-P	DK-621-0512-P
	Jack	Pin	D-621-0423(-L)	DK-621-0411-S	—
	Jack	Socket	D-621-0424(-L)	DK-621-0411-P	—

Triaxial Connectors and Terminator Compatibility — Bayonet and Threaded Connectors

Panel Thickness	Connector	Contact	Connector Reference	Connector	Mate with	
					77 Ohm Bus Terminator	3K Ohm Stub Terminator
Bayonet Connectors						
Polarity A						
	Plug	Pin	DK-621-0433-1P	DK-621-0434-1S	D-621-0461(-L)	D-621-0465 (-L)
	Plug	Socket	DK-621-0433-1S	DK-621-0434-1P	D-621-0477(-L)	D-621-0481(-L)
Standard	Jack	Pin	DK-621-0434-1P	DK-621-0433-1S	D-621-0461(-L)	D-621-0473(-L)
2.4mm max.	Jack	Socket	DK-621-0434-1S	DK-621-0433-1P	D-621-0453(-L)	D-621-0457(-L)
Long Reach	Jack	Pin	DK-621-0550-1P	DK-621-0433-1S	D-621-0469(-L)	D-621-0473(-L)
12.5mm max.	Jack	Socket	DK-621-0550-1S	DK-621-0433-1P	D-621-0453(-L)	D-621-0457(-L)
Polarity B						
	Plug	Pin	DK-621-0435-2P	DK-621-0436-2S	D-621-0462(-L)	D-621-0474 (-L)
	Plug	Socket	DK-621-0435-2S	DK-621-0436-2P	D-621-0478(-L)	D-621-0458(-L)
Standard	Jack	Pin	DK-621-0436-2P	DK-621-0435-2S	D-621-0470(-L)	D-621-0474(-L)
2.4mm max.	Jack	Socket	DK-621-0436-2S	DK-621-0435-2P	D-621-0454(-L)	D-621-0458(-L)
Long Reach	Jack	Pin	DK-621-0448-2P	DK-621-0435-2S	D-621-0470(-L)	D-621-0467(-L)
12.5mm max.	Jack	Socket	DK-621-0448-2S	DK-621-0435-2P	D-621-0454(-L)	D-621-0483(-L)
Polarity C						
	Plug	Pin	DK-621-0437-3P	DK-621-0438-3S	D-621-0463(-L)	D-621-0467(-L)
	Plug	Socket	DK-621-0437-3S	DK-621-0438-3P	D-621-0479(-L)	D-621-0483(-L)
Standard	Jack	Pin	DK-621-0438-3P	DK-621-0437-3S	D-621-0471(-L)	D-621-0475(-L)
2.4mm max.	Jack	Socket	DK-621-0438-3S	DK-621-0437-3P	D-621-0455(-L)	D-621-0459(-L)
Long Reach	Jack	Pin	DK-621-0446-3P	DK-621-0437-3S	D-621-0471(-L)	D-621-0475(-L)
12.5mm max.	Jack	Socket	DK-621-0446-3S	DK-621-0437-3P	D-621-0455(-L)	D-621-0459(-L)
Polarity D						
	Plug	Pin	DK-621-0439-4P	DK-621-0440-4S	D-621-0464(-L)	D-621-0468(-L)
	Plug	Socket	DK-621-0439-4S	DK-621-0440-4P	D-621-0480(-L)	D-621-0484(-L)
Standard	Jack	Pin	DK-621-0440-4P	DK-621-0439-4S	D-621-0472(-L)	D-621-0476(-L)
2.4mm max.	Jack	Socket	DK-621-0440-4S	DK-621-0439-4P	D-621-0456(-L)	D-621-0460(-L)
Long Reach	Jack	Pin	DK-621-0551-4P	DK-621-0439-4S	D-621-0472(-L)	D-621-0476(-L)
12.5mm max.	Jack	Socket	DK-621-0551-4S	DK-621-0439-4P	D-621-0456(-L)	D-621-0460(-L)
Threaded Connectors						
	Plug	Pin	DK-621-0411-P	DK-621-0412-S	D-621-0406(-L)	D-621-0424(-L)
	Plug	Socket	DK-621-0411-S	DK-621-0412-P	D-621-0418(-L)	D-621-0423(-L)
Standard	Jack	Pin	DK-621-0412-P	DK-621-0411-S	D-621-0415(-L)	D-621-0407(-L)
2.4mm max.	Jack	Socket	DK-621-0412-S	DK-621-0411-P	D-621-0413(-L)	D-621-0417(-L)
Long Reach	Jack	Pin	DK-621-0412-P	DK-621-0411-S	D-621-0415(-L)	D-621-0407(-L)
12.5mm max.	Jack	Socket	DK-621-0412-S	DK-621-0411-P	D-621-0413(-L)	D-621-0417(-L)

Triaxial Connectors and Terminator Compatibility — to European norme 3716

Panel Thickness	Connector	Contact	Connector Reference	Connector	Mate with	
					77 Ohm Bus Terminator	3K Ohm Stub Terminator
Triaxial Connectors						
Standard 2.4mm max.	Plug	Pin	DK-3716-F101-TP	DK-621-E102-TS	D-621-E077-S	D-621-E03K-S
	Plug	Socket	DK-3716-F101-TS	DK-621-E102-TP	D-621-E077-P	D-621-E03K-P
	Plug	Pin	DK-3716-F201-TP	DK-621-E202-TS	D-621-E077-S	D-621-E03K-S
	Plug	Socket	DK-3716-F201-TS	DK-621-E202-TP	D-621-E077-P	D-621-E03K-P
	Jack	Pin	DK-3716-E102-TP	DK-621-F101-TS	D-621-F077-S	D-621-F03K-S
	Jack	Socket	DK-3716-E102-TS	DK-621-F101-TP	D-621-F077-P	D-621-F03K-P
	Jack	Pin	DK-3716-E202-TP	DK-621-F201-TS	D-621-F077-S	D-621-F03K-S
	Jack	Socket	DK-3716-E202-TS	DK-621-F201-TP	D-621-F077-P	D-621-F03K-P
Long Reach 12.5mm max.	Jack	Pin	DK-3716-E112-TP	DK-621-F101-TS	D-621-F077-S	D-621-F03K-S
	Jack	Socket	DK-3716-E112-TS	DK-621-F101-TP	D-621-F077-P	D-621-F03K-P
	Jack	Pin	DK-3716-E212-TP	DK-621-F201-TS	D-621-F077-S	D-621-F03K-S
	Jack	Socket	DK-3716-E212-TS	DK-621-F201-TP	D-621-F077-P	D-621-F03K-P

Panel Thickness	Connector	Contact	Terminator Reference	Mate with	
				Standard Connector	Long Reach Connector
Terminators					
77 Ohm bus terminator	Plug	Pin	DK-3716-F077-P	DK-3716-E#02-TS	DK-3716-E#12K-TS
	Plug	Socket	DK-3716-F077-S	DK-3716-E#02-TP	DK-3716-E#12K-TP
	Jack	Pin	DK-3716-F077-P	DK-3716-E#01-TS	—
	Jack	Socket	DK-3716-F077-S	DK-3716-E#01-TP	—
3K Ohm stub terminator	Plug	Pin	DK-3716-E03K-P	DK-3716-E#02-TS	DK-3716-E#12K-TS
	Plug	Socket	DK-3716-E03K-S	DK-3716-E#02-TP	DK-3716-E#12K-TP
	Jack	Pin	DK-3716-E03K-P	DK-3716-E#01-TS	—
	Jack	Socket	DK-3716-E03K-S	DK-3716-E#01-TP	—