

- Standard Voltage to 250 V AC, 3 A
- Cable Assemblies
- Cable Connectors
- PCB Connectors
- Guaranteed Compatibility



## Simple Connection

Pickering connection solutions provide a simple way of connecting to a user's device under test or remote connection. The products include cable assemblies, cable connectors and pcb connectors.

## Cable Assemblies

Cable assemblies are offered in connector to connector, and connector to unterminated versions. There are 3 termination options for the unterminated cables - ferrules, tinned copper or simple cut end.

## Custom Design Needs



Pickering Interfaces can manufacture custom connector accessories to suit any application. If you do not see what you need in this data sheet contact your Pickering Interfaces sales office with information on your requirements or consider using our free online Cable Design Tool.

Using our Cable Design Tool, you can graphically design your own custom cable assembly. Once completed and submitted, our engineers will generate a quote for your cable requirements. See [pickeringtest.com/cdt](https://pickeringtest.com/cdt)

## Additional Accessories

Although the items below do not directly mate with Pickering Interfaces products, customers may find them useful in the development of their own connection solutions.







### Cable Assemblies

| Description   |   | End 1                       | End 2                       |            | Cable Length        | Product Order Code and Part Number                         | Data Sheet Page   |
|---|---|-----------------------------|-----------------------------|------------|---------------------|--|-------------------|
|   |   | Gender & Cable Exit         | Gender & Cable Exit         | Options    |                     |  |                   |
|    | Cable Assy, 44-Pin D-Type, 3 A                    | Male, 45° Towards Pin 1     | Female, 45° Away from Pin 1 | -          | 0.5 m<br>1 m<br>2 m | 40-970-044-0.5m-MF<br>40-970-044-1m-MF<br>40-970-044-2m-MF | <a href="#">4</a> |
|   |   | Female, 45° Away from Pin 1 | Female, 45° Away from Pin 1 | -          | 0.5 m<br>1 m<br>2 m | 40-970-044-0.5m-FF<br>40-970-044-1m-FF<br>40-970-044-2m-FF | <a href="#">5</a> |
|   |   | Male, 45° Towards Pin 1     | Male, 45° Towards Pin 1     | -          | 0.5 m<br>1 m<br>2 m | 40-970-044-0.5m-MM<br>40-970-044-1m-MM<br>40-970-044-2m-MM | <a href="#">6</a> |
|  | Cable Assy, 44-Pin D-Type to Underterminated, 3 A | Female, 45° Away from Pin 1 | NA                          | Ferrules   | 0.5 m<br>1 m<br>2 m | 40-972-044-0.5m-FU<br>40-972-044-1m-FU<br>40-972-044-2m-FU | <a href="#">7</a> |
|   |   |                             |                             | Tinned End | 0.5 m<br>1 m<br>2 m | A044HF4-T-0A050<br>A044HF4-T-0A100<br>A044HF4-T-0A200      |                   |
|   |   |                             |                             | Cut End    | 0.5 m<br>1 m<br>2 m | A044HF4-C-0A050<br>A044HF4-C-0A100<br>A044HF4-C-0A200      |                   |
|   |   | Male, 45° Towards Pin 1     | NA                          | Ferrules   | 0.5 m<br>1 m<br>2 m | 40-972-044-0.5m-MU<br>40-972-044-1m-MU<br>40-972-044-2m-MU | <a href="#">8</a> |
|   |   |                             |                             | Tinned End | 0.5 m<br>1 m<br>2 m | A044HM5-T-0A050<br>A044HM5-T-0A100<br>A044HM5-T-0A200      |                   |
|   |   |                             |                             | Cut End    | 0.5 m<br>1 m<br>2 m | A044HM5-C-0A050<br>A044HM5-C-0A100<br>A044HM5-C-0A200      |                   |

Note: Custom lengths by quotation

Please click on the page number to navigate to the data sheet page required. Return to this page via the [C](#) button.

## Connectors

| Description   |   | Gender & Cable Exit    | Type                  | Product Order Code and Part Number | Page |
|---|---|------------------------|-----------------------|------------------------------------|------|
|  | Cable Connector<br>44-Pin D-Type,<br>3 A, Solder Bucket | Female,<br>45° Options | With Backshell        | 40-960-044-F                       | 9    |
|   |   |                        | Without Backshell     | 92-960-044-F                       |      |
|  |   | Male,<br>45° Options   | With Backshell        | 40-960-044-M                       | 10   |
|   |   |                        | Without Backshell     | 92-960-044-M                       |      |
|  | PCB Connector<br>44-Pin D-Type, 3 A                     | Female                 | Right Angle PCB Mount | 40-963-044-RF                      | 11   |
|  |   |                        | Straight PCB Mount    | 40-963-044-SF                      | 12   |
|  |   | Male                   | Right Angle PCB Mount | 40-963-044-RM                      | 13   |
|  |   |                        | Straight PCB Mount    | 40-963-044-SM                      | 14   |

## Custom Termination

|                                   |    |
|-----------------------------------|----|
| Customization Possibilities ..... | 15 |
|-----------------------------------|----|

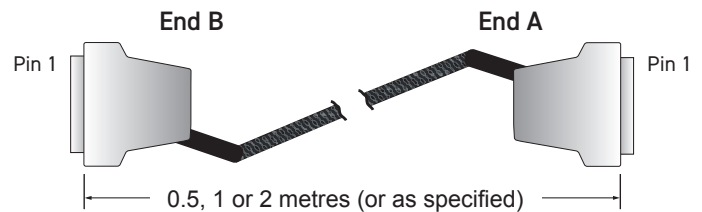
- High Specification, Highly Flexible Cable
- Fully Screened Cable Construction with Strain Relief
- 45 Degree Cable Exit

## Technical Specification

|                           |  |
|---------------------------|--|
| Connector Type (End A):   | 44-Pin D-Subminiature, density and a half  |
| Gender                    | Male                                       |
| Securing Method           | 4-40 UNC screwlocks, male                  |
| Connector Type (End B):   | 44-Pin D-Subminiature, density and a half  |
| Gender                    | Female                                     |
| Securing Method           | 4-40 UNC screwlocks, male                  |
| Maximum Current           | 3 A  |
| Maximum Voltage           | 250 VAC/400 VDC                            |
| Insulation Resistance     | 1000 MOhm                                  |
| Connectors:               |  |
| Contact Material          | Gold plated copper alloy                   |
| Contact Resistance        | 20 mOhm                                    |
| Cable Exit:               |  |
| Female Connectors         | 45° (Away from Pin 1)                      |
| Male Connectors           | 45° (Towards Pin 1)                        |
| Overall Size (Approx)     | H54 x W15.5 x D52 mm                       |
| Cable Type:               | Individual wires, screened & sleeved       |
| Conductor: Material       | Silver plated copper wire                  |
| Strands                   | 7/0.15 (0.124 mm <sup>2</sup> , 26AWG)     |
| Resistance                | 0.137 Ω/m                                  |
| Insulation                | PFA  |
| Outer Sleeve              | Polyester                                  |
| Screened Construction     | Yes (Cable screen connected to backshells) |
| Additional Braided Sleeve | Yes  |
| Cable O/D                 | 10 mm                                      |
| Minimum Bend Radius       | 25 mm                                      |
| Door Closure Allowance    | 52 mm (see diagram)                        |



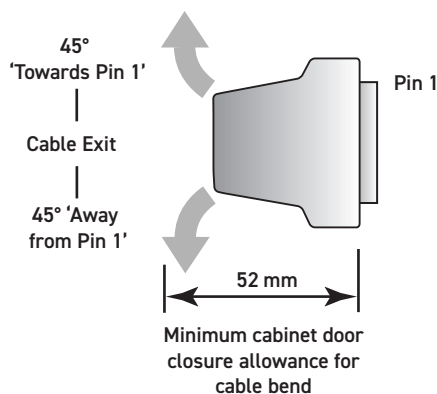
44-Pin D-Type Cable Assy



End B - Female  
Mating Face



End A - Male  
Mating Face



## Product Order Codes

44-Pin D-Type Cable Assy, 3 A, Male to Female,  
 0.5 m Long [40-970-044-0.5m-MF](#)  
 1.0 m Long [40-970-044-1m-MF](#)  
 2.0 m Long [40-970-044-2m-MF](#)

**Note:** Other cable lengths can be supplied.

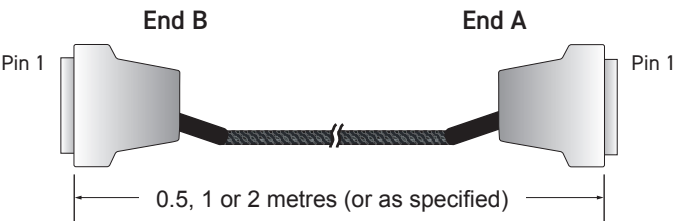
- High Specification, Highly Flexible Cable
- Fully Screened Cable Construction with Strain Relief
- 45 Degree Cable Exit

Technical Specification

|                           |  |
|---------------------------|--|
| Connector Type (End A):   | 44-Pin D-Subminiature, density and a half  |
| Gender                    | Female                                     |
| Securing Method           | 4-40 UNC screwlocks, male                  |
| Connector Type (End B):   | 44-Pin D-Subminiature, density and a half  |
| Gender                    | Female                                     |
| Securing Method           | 4-40 UNC screwlocks, male                  |
| Maximum Current           | 3 A  |
| Maximum Voltage           | 250 VAC/400 VDC                            |
| Insulation Resistance     | 1000 MOhm                                  |
| Connectors:               |  |
| Contact Material          | Gold plated copper alloy                   |
| Contact Resistance        | 20 mOhm                                    |
| Cable Exit:               | 45° (Away from Pin 1)                      |
| Overall Size (Approx)     | H54 x W15.5 x D52 mm                       |
| Cable Type:               | Individual wires, screened & sleeved       |
| Conductor: Material       | Silver plated copper wire                  |
| Strands                   | 7/0.15 (0.124 mm², 26AWG)                  |
| Resistance                | 0.137 Ω/m                                  |
| Insulation                | PFA  |
| Outer Sleeve              | Polyester                                  |
| Screened Construction     | Yes (Cable screen connected to backshells) |
| Additional Braided Sleeve | Yes  |
| Cable O/D                 | 10 mm                                      |
| Minimum Bend Radius       | 25 mm                                      |
| Door Closure Allowance    | 52 mm (see diagram)                        |



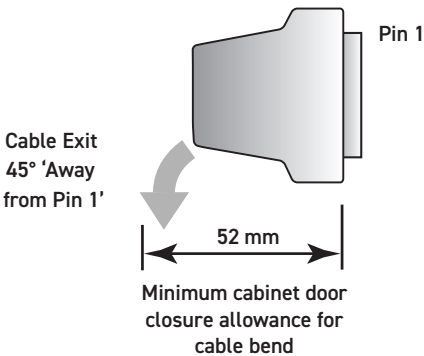
44-Pin D-Type Cable Assy



End B - Female Mating Face



End A - Female Mating Face



Product Order Codes

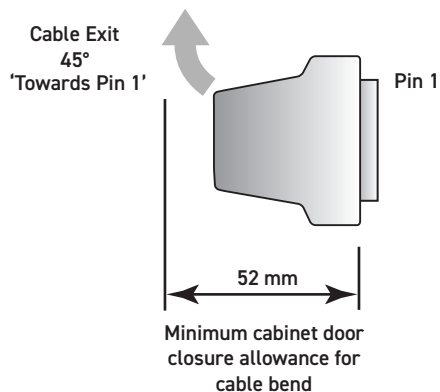
|  |                    |
|--|--------------------|
| 44-Pin D-Type Cable Assy, 3 A, Female to Female, |                    |
| 0.5 m Long                                       | 40-970-044-0.5m-FF |
| 1.0 m Long                                       | 40-970-044-1m-FF   |
| 2.0 m Long                                       | 40-970-044-2m-FF   |

**Note:** Other cable lengths can be supplied.

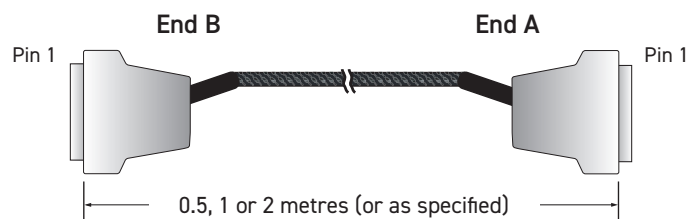
- High Specification, Highly Flexible Cable
- Fully Screened Cable Construction with Strain Relief
- 45 Degree Cable Exit

## Technical Specification

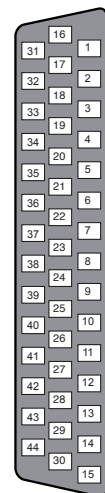
|                           |  |
|---------------------------|--|
| Connector Type (End A):   | 44-Pin D-Subminiature, density and a half  |
| Gender                    | Male                                       |
| Securing Method           | 4-40 UNC screwlocks, male                  |
| Connector Type (End B):   | 44-Pin D-Subminiature, density and a half  |
| Gender                    | Male                                       |
| Securing Method           | 4-40 UNC screwlocks, male                  |
| Maximum Current           | 3 A  |
| Maximum Voltage           | 250 VAC/400 VDC                            |
| Insulation Resistance     | 1000 MOhm                                  |
| Connectors:               |  |
| Contact Material          | Gold plated copper alloy                   |
| Contact Resistance        | 20 mOhm                                    |
| Cable Exit:               | 45° (Towards Pin 1)                        |
| Overall Size (Approx)     | H54 x W15.5 x D52 mm                       |
| Cable Type:               | Individual wires, screened & sleeved       |
| Conductor: Material       | Silver plated copper wire                  |
| Strands                   | 7/0.15 (0.124 mm <sup>2</sup> , 26AWG)     |
| Resistance                | 0.137 Ω/m                                  |
| Insulation                | PFA  |
| Outer Sleeve              | Polyester                                  |
| Screened Construction     | Yes (Cable screen connected to backshells) |
| Additional Braided Sleeve | Yes  |
| Cable O/D                 | 10 mm                                      |
| Minimum Bend Radius       | 25 mm                                      |
| Door Closure Allowance    | 52 mm (see diagram)                        |



44-Pin D-Type Cable Assy



End B - Male  
Mating Face



End A - Male  
Mating Face

## Product Order Codes

44-Pin D-Type Cable Assy, 3 A, Male to Male,

0.5 m Long [40-970-044-0.5m-MM](#)

1.0 m Long [40-970-044-1m-MM](#)

2.0 m Long [40-970-044-2m-MM](#)

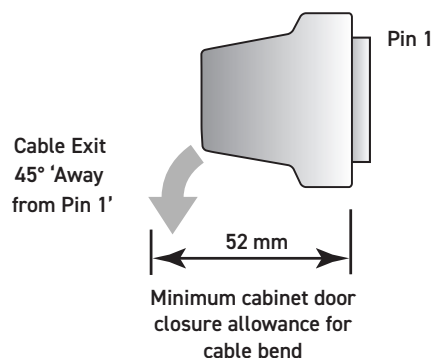
**Note:** Other cable lengths can be supplied.

- High Specification, Highly Flexible Cable
- Fully Screened Cable Construction with Strain Relief
- 45 Degree Cable Exit
- Fully Coded Markers to Ensure Easy Connection

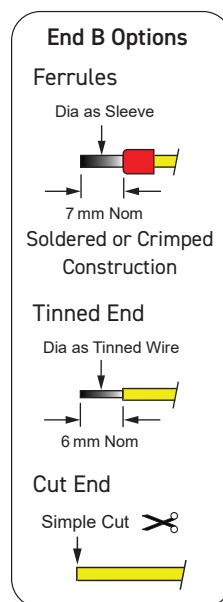
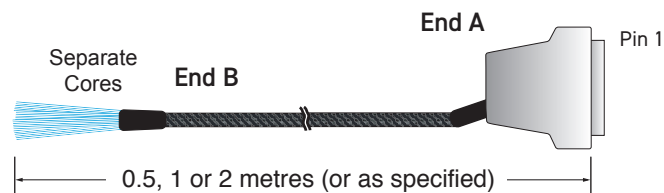
## Technical Specification

|                              |  |
|------------------------------|--|
| Connector Type (End A):      | 44-Pin D-Subminiature, density and a half                        |
| Gender                       | Female   |
| Securing Method              | 4-40 UNC screwlocks, male  |
| Underterminated End (End B): |  |
| Free Wire Length             | 130 mm nominal   |
| Individual Wire Labelling    | To connector pins. A white/black screen pigtail is also included |
| Wire End Options             | Ferrules, Tinned, Cut End  |
| Maximum Current              | 3 A  |
| Maximum Voltage              | 250 VAC/400 VDC  |
| Insulation Resistance        | 1000 MOhm  |
| Connector:                   |  |
| Contact Material             | Gold plated copper alloy   |
| Contact Resistance           | 20 mOhm  |
| Cable Exit                   | 45° (Away from Pin 1)  |
| Overall Size (Approx)        | H54 x W15.5 x D52 mm   |
| Cable Type:                  | Individual wires, screened & sleeved                             |
| Conductor: Material          | Silver plated copper wire  |
| Strands                      | 7/0.15 (0.124 mm <sup>2</sup> , 26AWG)                           |
| Resistance                   | 0.137 Ω/m  |
| Insulation                   | PFA  |
| Outer Sleeve                 | Polyester  |
| Screened Construction        | Yes (Cable screen connected to backshell)                        |
| Additional Braided Sleeve    | Yes  |
| Cable O/D                    | 10 mm  |
| Minimum Bend Radius          | 25 mm  |
| Door Closure Allowance       | 52 mm (see diagram)  |

**Note:** When using this product please ensure appropriate electrical safety.



44-Pin D-Type Underterminated Cable Assy



## Product Order Codes

|  |                    |
|--|--------------------|
| 44-Pin D-Type Cable Assy, 3 A, Female to Underterminated, Ferrules, 0.5 m Long | 40-972-044-0.5m-FU |
| Ferrules, 1.0 m Long   | 40-972-044-1m-FU   |
| Ferrules, 2.0 m Long   | 40-972-044-2m-FU   |
| Tinned End, 0.5 m Long   | A044HF4-T-0A050    |
| Tinned End, 1.0 m Long   | A044HF4-T-0A100    |
| Tinned End, 2.0 m Long   | A044HF4-T-0A200    |
| Cut End, 0.5 m Long  | A044HF4-C-0A050    |
| Cut End, 1.0 m Long  | A044HF4-C-0A100    |
| Cut End, 2.0 m Long  | A044HF4-C-0A200    |

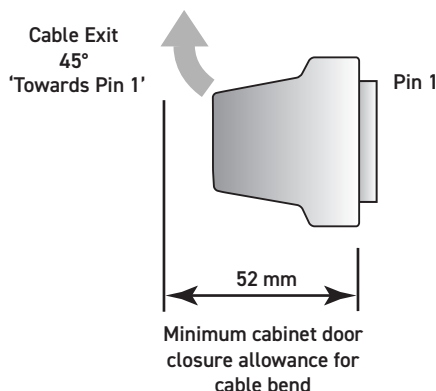
**Note:** Other cable lengths can be supplied.

- High Specification, Highly Flexible Cable
- Fully Screened Cable Construction with Strain Relief
- 45 Degree Cable Exit
- Fully Coded Markers to Ensure Easy Connection

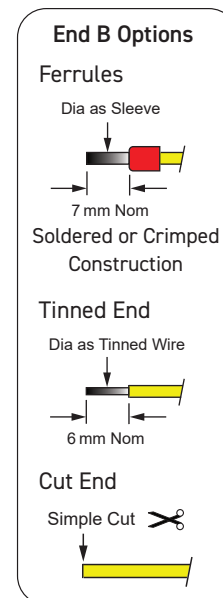
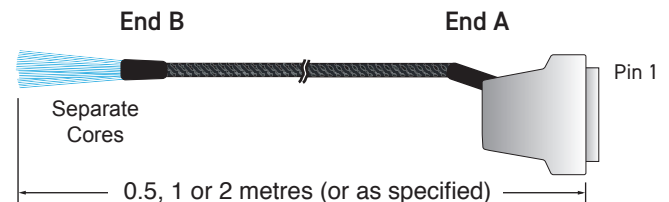
## Technical Specification

|                              |  |
|------------------------------|--|
| Connector Type (End A):      | 44-Pin D-Subminiature, density and a half                        |
| Gender                       | Male   |
| Securing Method              | 4-40 UNC screwlocks, male  |
| Underterminated End (End B): |  |
| Free Wire Length             | 130 mm nominal   |
| Individual Wire Labelling    | To connector pins. A white/black screen pigtail is also included |
| Wire End Options             | Ferrules, Tinned, Cut End  |
| Maximum Current              | 3 A  |
| Maximum Voltage              | 250 VAC/400 VDC  |
| Insulation Resistance        | 1000 MOhm  |
| Connector:                   |  |
| Contact Material             | Gold plated copper alloy   |
| Contact Resistance           | 20 mOhm  |
| Cable Exit                   | 45° (Towards Pin 1)  |
| Overall Size (Approx)        | H54 x W15.5 x D52 mm   |
| Cable Type:                  | Individual wires, screened & sleeved                             |
| Conductor: Material          | Silver plated copper wire  |
| Strands                      | 7/0.15 (0.124 mm <sup>2</sup> , 26AWG)                           |
| Resistance                   | 0.137 Ω/m  |
| Insulation                   | PFA  |
| Outer Sleeve                 | Polyester  |
| Screened Construction        | Yes (Cable screen connected to backshell)                        |
| Additional Braided Sleeve    | Yes  |
| Cable O/D                    | 10 mm  |
| Minimum Bend Radius          | 25 mm  |
| Door Closure Allowance       | 52 mm (see diagram)  |

**Note:** When using this product please ensure appropriate electrical safety.



44-Pin D-Type Underterminated Cable Assy



End A  
Male  
Mating Face

## Product Order Codes

|  |                                    |
|--|------------------------------------|
| 44-Pin D-Type Cable Assy, 3 A, Male to Underterminated, Ferrules, 0.5 m Long | <a href="#">40-972-044-0.5m-MU</a> |
| Ferrules, 1.0 m Long   | <a href="#">40-972-044-1m-MU</a>   |
| Ferrules, 2.0 m Long   | <a href="#">40-972-044-2m-MU</a>   |
| Tinned End, 0.5 m Long   | <a href="#">A044HM5-T-0A050</a>    |
| Tinned End, 1.0 m Long   | <a href="#">A044HM5-T-0A100</a>    |
| Tinned End, 2.0 m Long   | <a href="#">A044HM5-T-0A200</a>    |
| Cut End, 0.5 m Long  | <a href="#">A044HM5-C-0A050</a>    |
| Cut End, 1.0 m Long  | <a href="#">A044HM5-C-0A100</a>    |
| Cut End, 2.0 m Long  | <a href="#">A044HM5-C-0A200</a>    |

**Note:** Other cable lengths can be supplied.



- Connector only or Connector and Backshell
- Cable Clamp in Backshell
- Soldered Cable Termination

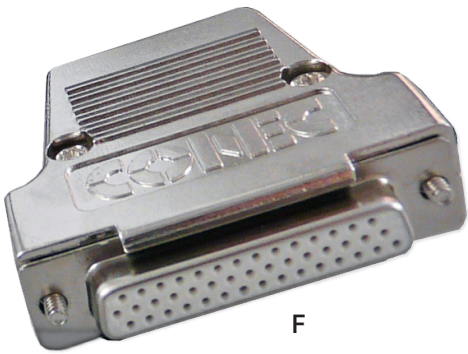
This accessory is designed to allow users to directly terminate with soldered connections to the connector.

Connector and shell are supplied separately to allow the user to determine the direction of the cable exit.

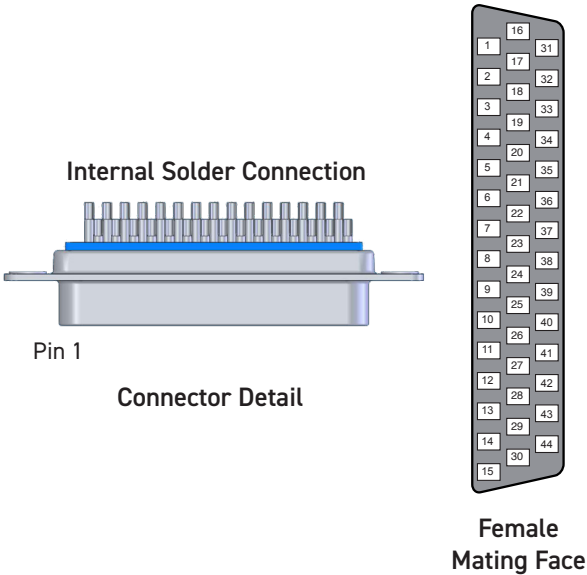
When the product is used without a backshell users should make their own cable strain relief arrangements and ensure appropriate electrical safety precautions are observed.

Technical Specification

|                           |   |
|---------------------------|---|
| Connector Type:           | 44-Pin D-Subminiature, density and a half                             |
| Gender                    | Female  |
| Securing Method:          |   |
| Product with Backshell    | 4-40 UNC screwlocks, male   |
| Product without Backshell | 4-40 UNC screwlocks, male   |
| Wire Connection           | Solder bucket. A backshell fixing is also provided for a cable screen |
| Connector Ratings:        |   |
| Maximum Current           | 3 A   |
| Maximum Voltage           | 250 VAC   |
| Cable Exit:               | 45°   |
| Cable Exit Size           | 10 mm dia   |
| Overall Size (Approx)     | 54 x W15.5 x D52 mm   |
| 44-Pin D-Sub:             |   |
| Contact Material          | Gold plated copper alloy  |
| Contact Resistance        | 20 mOhm   |
| Wire Connection:          |   |
| Maximum Wire Size         | 20AWG   |
| Recommended Insulation    | PFA   |
| Additional Cable Clamp    | Yes (in backshell)  |

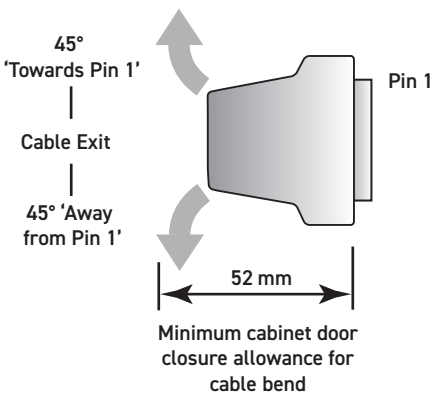


44-Pin D-Type Cable Connector with Backshell



Product Order Codes

|  |              |
|--|--------------|
| 44-Pin D-Type Connector, 3 A, Solder Bucket, |              |
| With Backshell, Female                       | 40-960-044-F |
| Without Backshell, Female                    | 92-960-044-F |



- Connector only or Connector and Backshell
- Cable Clamp in Backshell
- Soldered Cable Termination

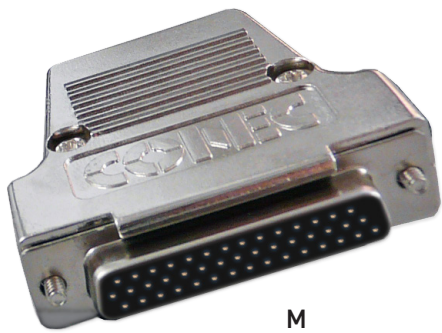
This accessory is designed to allow users to directly terminate with soldered connections to the connector.

Connector and shell are supplied separately to allow the user to determine the direction of the cable exit.

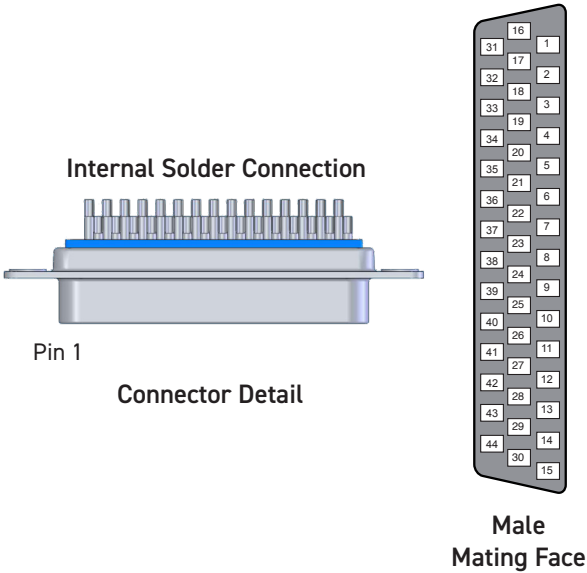
When the product is used without a backshell users should make their own cable strain relief arrangements and ensure appropriate electrical safety precautions are observed.

Technical Specification

|                           |   |
|---------------------------|---|
| Connector Type:           | 44-Pin D-Subminiature, density and a half                             |
| Gender                    | Male  |
| Securing Method:          |   |
| Product with Backshell    | 4-40 UNC screwlocks, male   |
| Product without Backshell | 4-40 UNC screwlocks, male   |
| Wire Connection           | Solder bucket. A backshell fixing is also provided for a cable screen |
| Connector Ratings:        |   |
| Maximum Current           | 3 A   |
| Maximum Voltage           | 250 VAC   |
| Cable Exit:               | 45°   |
| Cable Exit Size           | 10 mm dia   |
| Overall Size (Approx)     | 54 x W15.5 x D52 mm   |
| 44-Pin D-Sub:             |   |
| Contact Material          | Gold plated copper alloy  |
| Contact Resistance        | 20 mOhm   |
| Wire Connection:          |   |
| Maximum Wire Size         | 20AWG   |
| Recommended Insulation    | PFA   |
| Additional Cable Clamp    | Yes (in backshell)  |

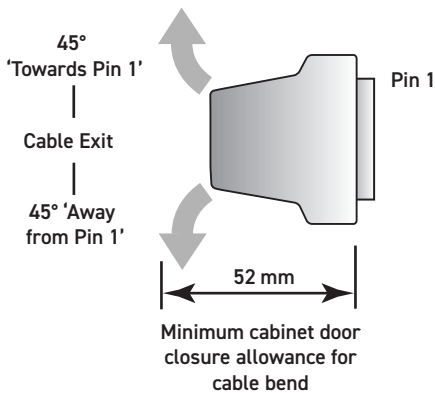


44-Pin D-Type Cable Connector with Backshell



Product Order Codes

|  |              |
|--|--------------|
| 44-Pin D-Type Connector, 3 A, Solder Bucket, |              |
| With Backshell, Male                         | 40-960-044-M |
| Without Backshell, Male                      | 92-960-044-M |



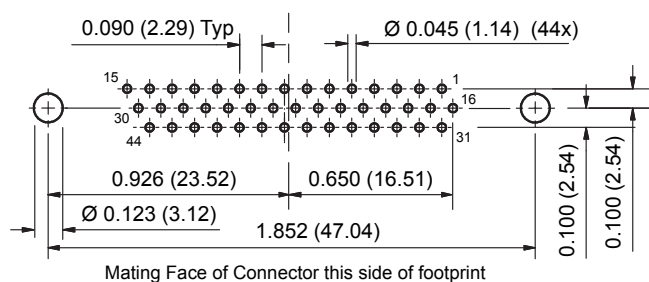
- Right Angle PCB Mount
- Ideal for User Created Termination Solutions

This accessory allows a user to create their own PCB based termination solution mounted on the end of a cable. Suitable cables for this product are contained elsewhere in this data sheet. Interfacing PCBs should be designed with suitable clearances for the voltage the application requires.

**Note:** This product is not suitable for directly mounting onto the front panel of a Pickering switching product.

## Technical Specification

|                      |   |
|----------------------|---|
| Connector Type:      | 44-Pin D-Subminiature, density and a half |
| Gender               | Female                                    |
| Securing Method      | 4-40 UNC screwlocks, female               |
| PCB Mounting         | Right angle PCB mount, solder             |
| Connector Ratings:   |   |
| Maximum Current      | 3 A each pin                              |
| Maximum Voltage      | 250 VAC                                   |
| 44-Pin D-Sub:        |   |
| Contact Material     | Gold plated copper alloy                  |
| Contact Resistance   | 20 mOhm                                   |
| PCB Legs:            |   |
| Effective Leg Length | 3.3 mm nom (See diagram)                  |

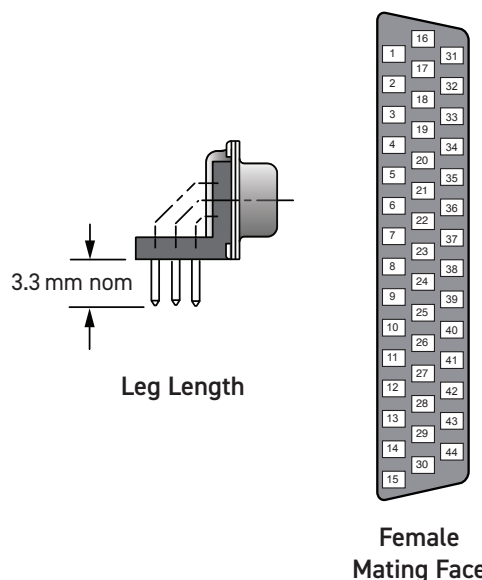
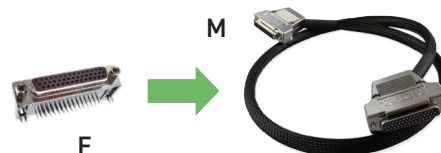


PCB Footprint of 44-Pin Right Angle Female Connector  
(Connector Side - Not to Scale)



44-Pin D-Type PCB Connector

## Product Compatibility



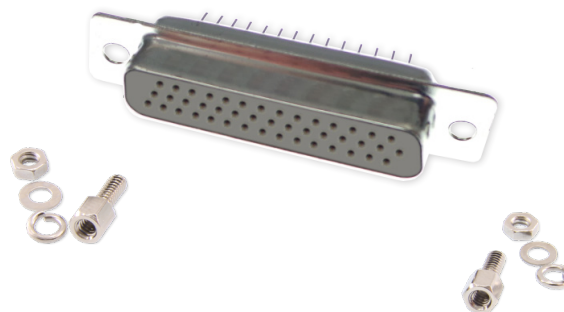
## Product Order Codes

44-Pin D-Type Connector, 3 A, Right Angle PCB Mount, Female  
**40-963-044-RF**

- Straight PCB Mount
- Ideal for User Created Termination Solutions

This accessory allows a user to create their own PCB based termination solution mounted on the end of a cable. Suitable cables for this product are contained elsewhere in this data sheet. Interfacing PCBs should be designed with suitable clearances for the voltage the application requires.

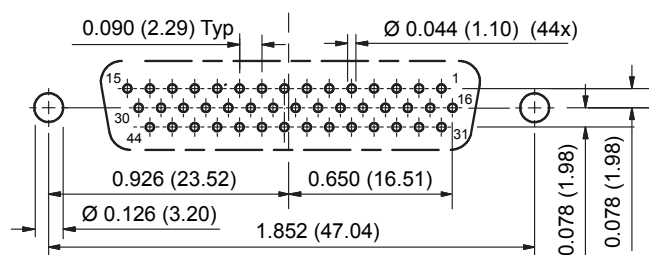
**Note:** This product is not suitable for directly mounting onto the front panel of a Pickering switching product.



44-Pin D-Type PCB Connector

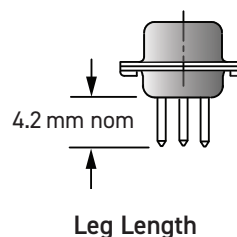
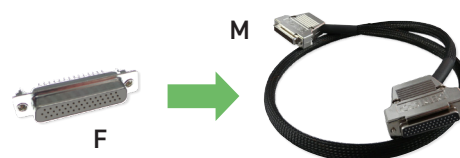
## Technical Specification

|                    |   |
|--------------------|---|
| Connector Type:    | 44-Pin D-Subminiature, density and a half |
| Gender             | Female                                    |
| Securing Method    | 4-40 UNC screwlocks, female               |
| PCB Mounting       | Straight PCB mount, solder                |
| Connector Ratings: |   |
| Maximum Current    | 3 A each pin                              |
| Maximum Voltage    | 250 VAC                                   |
| 44-Pin D-Sub:      |   |
| Contact Material   | Gold plated copper alloy                  |
| Contact Resistance | 20 mOhm                                   |
| PCB Legs:          |   |
| Leg Length         | 4.2 mm nom (See diagram)                  |



PCB Footprint of 44-Pin Straight Female Connector  
(Connector Side - Not to Scale) Tol: ±0.03mm

## Product Compatibility



Female Mating Face

## Product Order Codes

44-Pin D-Type Connector, 3 A, Straight PCB Mount, Female  
[40-963-044-SF](#)

- Right Angle PCB Mount
- Ideal for User Created Termination Solutions

This accessory allows a user to create their own PCB based termination solution mounted on the end of a cable. Suitable cables for this product are contained elsewhere in this data sheet. Interfacing PCBs should be designed with suitable clearances for the voltage the application requires.

**Note:** This product is not suitable for directly mounting onto the front panel of a Pickering switching product.

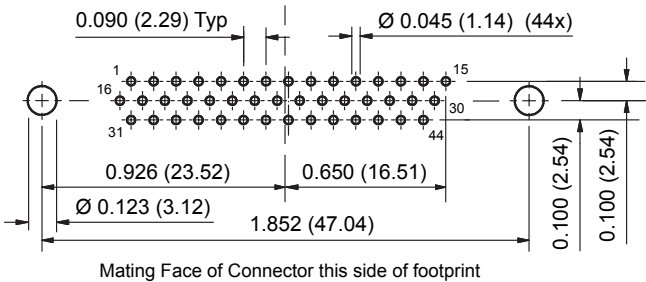
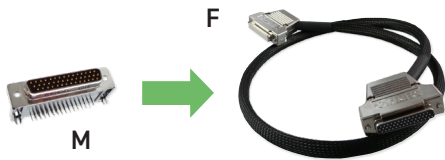
Technical Specification

|                      |   |
|----------------------|---|
| Connector Type:      | 44-Pin D-Subminiature, density and a half |
| Gender               | Male                                      |
| Securing Method      | 4-40 UNC screwlocks, female               |
| PCB Mounting         | Right angle PCB mount, solder             |
| Connector Ratings:   |   |
| Maximum Current      | 3 A each pin                              |
| Maximum Voltage      | 250 VAC                                   |
| 44-Pin D-Sub:        |   |
| Contact Material     | Gold plated copper alloy                  |
| Contact Resistance   | 20 mOhm                                   |
| PCB Legs:            |   |
| Effective Leg Length | 3.2 mm nom (See diagram)                  |

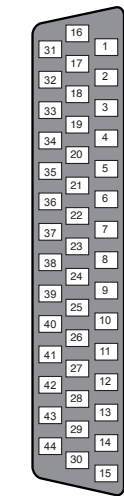
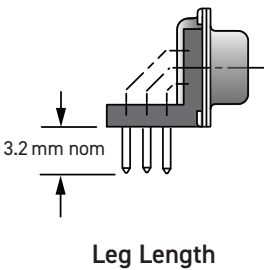
Product Compatibility



44-Pin D-Type PCB Connector



PCB Footprint of 44-Pin Right Angle Male Connector  
(Connector Side - Not to Scale)



Male  
Mating Face

Product Order Codes

44-Pin D-Type Connector, 3 A, Right Angle PCB Mount, Male  
[40-963-044-RM](#)

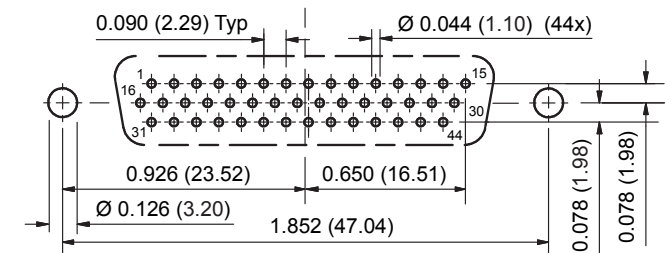
- Straight PCB Mount
- Ideal for User Created Termination Solutions

This accessory allows a user to create their own PCB based termination solution mounted on the end of a cable. Suitable cables for this product are contained elsewhere in this data sheet. Interfacing PCBs should be designed with suitable clearances for the voltage the application requires.

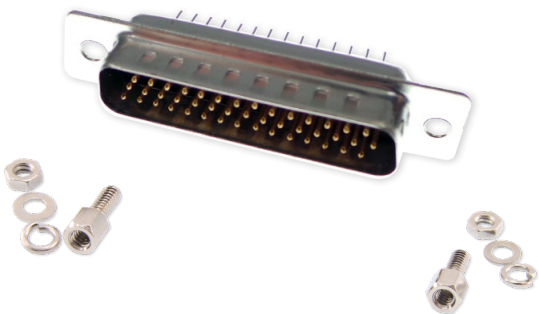
**Note:** This product is not suitable for directly mounting onto the front panel of a Pickering switching product.

Technical Specification

|                    |   |
|--------------------|---|
| Connector Type:    | 44-Pin D-Subminiature, density and a half |
| Gender             | Male                                      |
| Securing Method    | 4-40 UNC screwlocks, female               |
| PCB Mounting       | Straight PCB mount, solder                |
| Connector Ratings: |   |
| Maximum Current    | 3 A each pin                              |
| Maximum Voltage    | 250 VAC                                   |
| 44-Pin D-Sub:      |   |
| Contact Material   | Gold plated copper alloy                  |
| Contact Resistance | 20 mOhm                                   |
| PCB Legs:          |   |
| Leg Length         | 4.2 mm nom (See diagram)                  |

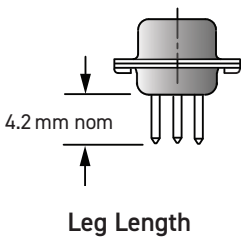
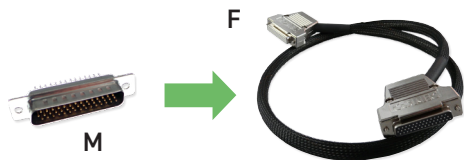


PCB Footprint of 44-Pin Straight Male Connector



44-Pin D-Type PCB Connector

Product Compatibility



Male Mating Face

Product Order Codes

44-Pin D-Type Connector, 3 A, Straight PCB Mount, Male [40-963-044-SM](#)



## Custom Termination

Pickering Interfaces are able to manufacture custom built cable assemblies and backshells that mate with all the connectors we use in our extensive product range and to provide connection solutions for third party products.

We are able to model and manufacture cable assemblies and other termination arrangements to user notes and drawings, and to deal with simple and complex assemblies, and both small and high volume orders.

All products are designed to ensure easy and problem free connection.

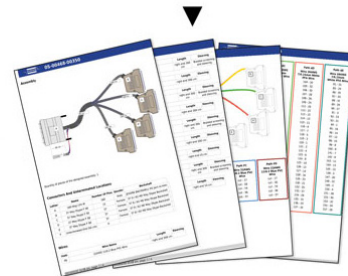
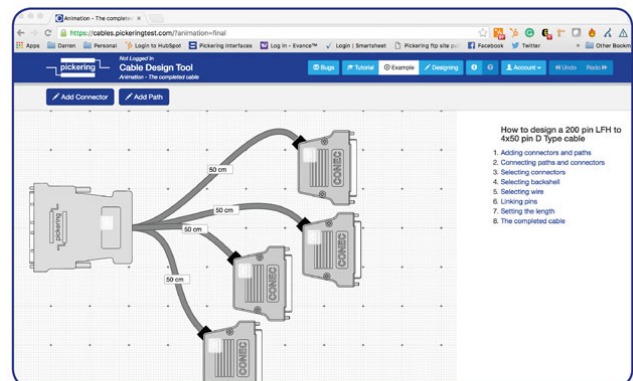
We offer a fast turn round of custom items to keep your ordering and integration time scales to a minimum.



## Pickering's Cable Design Tool

Our Cable Design Tool is an online tool that allows you to define a cable assembly to exactly meet your requirements.

- Graphical design of customized cable assemblies
- Built-in library of standard cable sets can be used as the basis for customization, or cables can be defined from scratch
- The ability to store cable assemblies in the Cloud and develop them over time
- Each cable design has a PDF documentation file detailing all the specifications
- Allows detailed design including; connector types, wire type, pin definitions, pin & cable labelling, cable bundling, length selection, sleeving, comments, etc.
- Add your own connectors and wires
- Fully supported on major tablet operating systems



Because the Cable Design Tool is a web-based tool, we will continually update it to better accommodate your requirements and features. Your data is not trapped; complete details of the design are always available to the user at any time via the documentation or spreadsheet file. Once a cable is designed, you can submit it to us for quotation.

For more information visit: [pickeringtest.com/cdt](http://pickeringtest.com/cdt)