

## Discription

Ribbon or round cable connectors with D-Sub connector systems. Chose the most-favourable cable type and wire gauge to fully utilise the high current capacity of the connector contacts.

The System 250 uses 9-, 15-, 25-, 37- and 50-pole D-Sub connector systems as well as high-density connectors with an enhanced contact density. Depending on the cable type used, the following terminal systems are available:

- solder and sealing technique
- crimp snap-in technique
- insulation piercing technique
- with or without strain-relief.

As a standard ribbon cable, ADAPT uses stranded wire cables type System 710 with a cross-section of 0.14 mm<sub>2</sub>. Of course we can use ribbon cables with other cross-sections if desired.

A D-Sub shell or a thermoplastic watertight cast moulding can serve as a strain-relief.

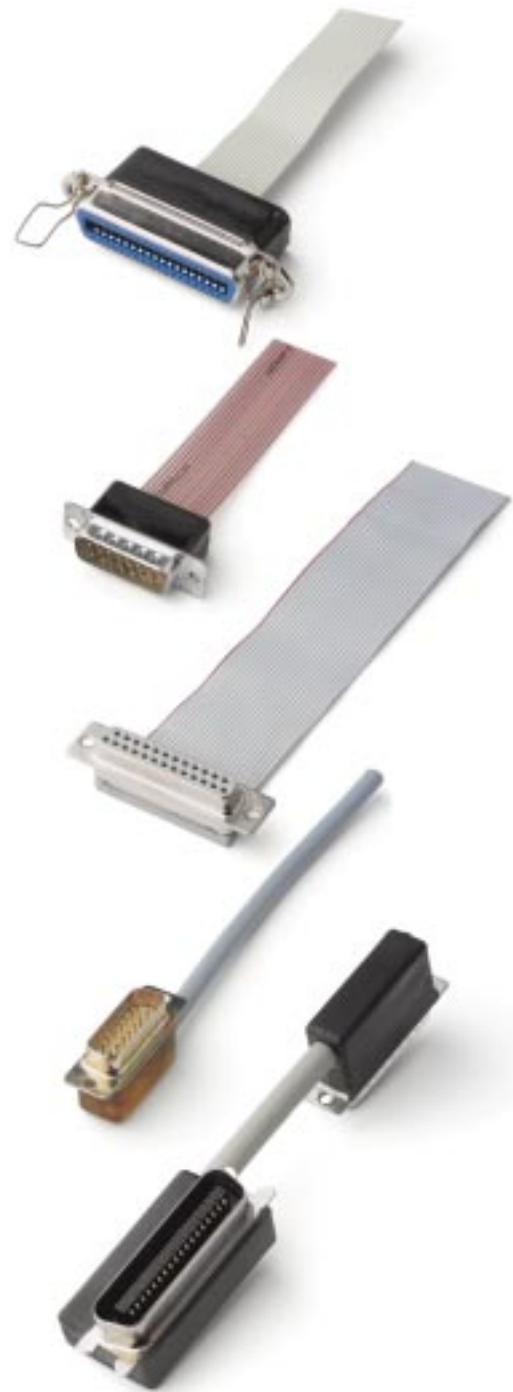
A shielded or unshielded data transmission cable with a core cross-section of 0.14 mm<sub>2</sub> is used as a standard round cable for this system. Again, ADAPT can utilise customised conductor type to fulfil customer specifications.

The contact area can be protected by using stranded-wire cable with a connector shell or sealed in a cast moulding.

Should the application call for added flexibility, we use a polyester insulated flat conductor cable.

A two-component resin or a thermoplastic cast moulding serves as a strain-relief for the contact area.

This flat conductor cable can be combined with System 310 etc.



Plug Connector System 250  
D-Sub Interface Connectors  
Round Cable or Ribbon Cable Versions



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## Order information

Due to the variety of possible combinations for D-Sub interface connectors, we have left out an order coding. We kindly ask you to enclose the following data and technical information with your order or enquiry:

- a sketch of the connector (including all necessary dimensions essential for the application)
- exact specification of conductor and cable types required (if necessary, include manufacturer stock no.)
- specification of number of contacts, length of cables, special requirements, etc.
- wiring diagram

Contact your local ADAPT sales representative for application support and information of combining with System 250.

As the System 250 is a system with a manifold of options, we cannot supply you with connector technical data.

For further information on the cables, please confer Systems 700, 710, 720, 730 or 740.

You will find specifications on D-Sub connectors under System 650 as well as the respective shells under System 660.

In addition to the standard D-Sub connectors, we have a range of other versions on stock:

- splashproof
- waterproof
- connector mix
- increased packing density
- Centronics