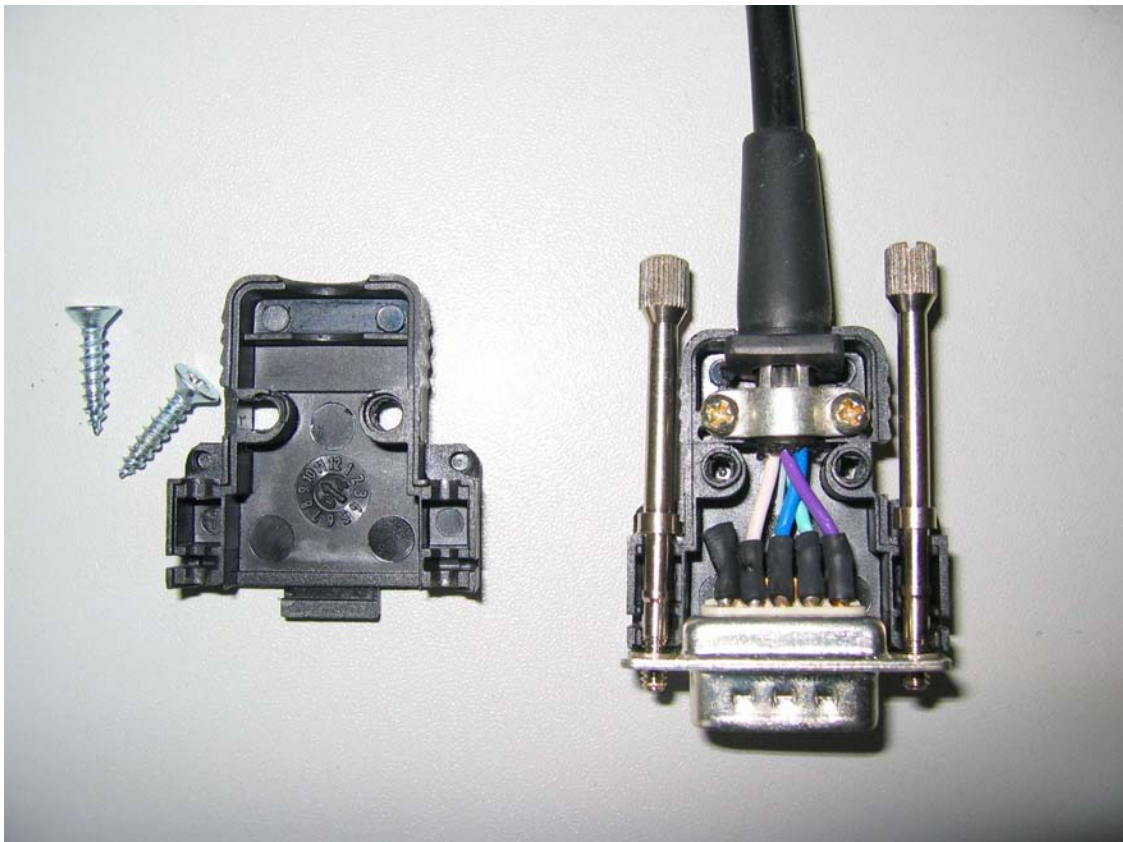


DOR Patch Cable Connector

- fixing bolts should be LONGER than the shell to have an easier access
- connector shells should have TWO bolts to guaranty a solid connection and to avoid a bended single bolt by force on the cable
- the cable should be fixed to the connector shell
- the shield can get connected to pin 1 or outside to a GND-rail (foreseen at the DOM hub already ?)
- see below an example (150 ohm AMANDA cable), the shell can accomodate thicker cables by leaving out the rubber tube



Patch Panel

- cylindric connectors to be fixed by rotating a part of the shell can result in a loss of the connectivity in case the (not properly fixed) cable get accidentally rotated as well
- the above described effect can result in shortcuts (96V !!!)
- a patch panel consisting out of DSUB connectors would avoid this and make the patch cable design (1:1, male to female) easier