



D-Sub Custom Specials

DSUB CONNECTORS FOR CUSTOM APPLICATIONS

Amphenol has proven capability to work with customers and develop special product extensions to meet their custom applications. This can be to meet special polarization requirements, fitment to their special panel cabinets, extra standoff to meet the height requirements, assemblies for cable application, etc.

- Rigid and reliable connections
- Design flexibility
- Combo products
- Still maintain standard mating interface
- Achieve special polarisation



TARGET MARKETS



FEATURES

- Unique design
- Special product features
- D-Sub kit
- Various termination types available
- Sturdy and robust design
- Special assemblies
- Combo version

BENEFITS

- Cannot be replaced with standard connectors in market
- Meet customer requirement on polarization, panel fitment, pcb space saving
- All connector + contacts + hood under one P/N
- Multiple PCB mounting options to select from
- Secured connection
- Meet cable application
- Can meet both signal and power requirements

TECHNICAL INFORMATION

MATERIAL

- Insulator: PBT / PC / PA
- Contact: Copper Alloy

MECHANICAL PERFORMANCE

- Retention Against Torque: 0.7NM min.
- Insulation Resistance: >5000mΩ

ELECTRICAL PERFORMANCE

- Maximum Current Rating: 5A/7.5A/10A/20A/40A/75A
- Contact Resistance: <25mΩ
- Rated Voltage: 300Vrms

PACKAGING

- Box

SPECIFICATIONS

- Durability: 200 mating cycles
- Durability: 500+ mating cycles

ENVIRONMENTAL

- Operating Temperature Range: -55°C to +125°C

TARGET MARKETS/APPLICATIONS



Base Station
Transmission
Switching
ADSL
Power Supplies



Energy Meter
Set Top Box
Modem



Control Drives
Process Automation
Test Equipment
Point of Sales Equipment
Surveillance Camera
Automotive Diagnostics
Electric Charger
Powertrain



Ventilator
Scanner



Avionics
Radar

PART NUMBERS

Examples of customized Dsub connectors

- D-Sub Straight spill version connector with extended cover & latch
- Delta-D right angle PiP version connector with 6.7mm Height PiP
- Female D-Sub with extended screw and accessories
- D-Sub St. Spill connector with spacer
- DP series with customized contact
- DM series with Nickel plated shell and special board lock
- Delta-D low profile connector with modified PiP
- D-Sub DW terminal 2.4mm – US version 3V3
- 17 pin special cable assy for sanners
- D-Sub kit for cable application