

Datasheet

## RS Pro FDE Series Male Copper Alloy DIN Connector Contact

RS Stock No: **477-7237**



### Product Details

RS Pro male DIN connector has a copper alloy contact for precise connection. This connector is used for interconnecting all 19 Inch Euro card racking systems. It provides connection between plug in cards at right angle to backplane wiring. This connector is PCB mountable and is suitable for use with co-axial contacts.

### Features and Benefits

- FDE Series male DIN connector
- Copper alloy contact
- Power plug and socket contacts in both solder bucket and 90° terminations rated up to 40 A
- Contact resistance <math><3\text{ M}\Omega</math>
- Gold plated class 1
- 50  $\Omega$  coaxial contacts accept RG178B/U and RG174A/U (RG316) cables by crimp and solder terminations
- 75  $\Omega$  coaxial contacts accept RG179 cables by crimp or solder terminations
- Coaxial contact resist. <math><10\text{ M}\Omega</math> centre, <math><3\text{ }\Omega</math> outer
- High voltage inserts contact resistance, outer conductor = <math><3\text{ M}\Omega</math>

**Specifications:**

|                               |                 |
|-------------------------------|-----------------|
| Contact Material              | Copper Alloy    |
| Contact Plating               | Gold Plated     |
| For Use With                  | Coaxial Contact |
| Gender                        | Male            |
| Maximum Contact Resistance    | 2.7 mΩ          |
| Maximum Operating Temperature | +125°C          |
| Minimum Operating Temperature | -55°C           |
| Mounting Type                 | PCB Mount       |
| Contact Type                  | Pin             |
| Length                        | 17.6 mm         |
| Termination Method            | PCB             |