

Datasheet

RS Pro DIN 41612 Series Straight Male Copper Alloy DIN Connector Contact

RS Stock No: **309-4014**



Product Details

RS Pro DIN straight male 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 has a current rating of 10 A and is suitable for use with DIN41612 type M male connector.

Features and Benefits

- DIN 41612 Series straight male connector
- Copper alloy contact
- Has a current rating of 10 A
- 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 Ω coaxial contacts accept RG178B/U and RG174A/U (RG316) cables by crimp and solder terminations
- 75 Ω coaxial contacts accept RG179 cables by crimp or solder terminations
- Coaxial contact resist. <math><10\text{ M}\Omega</math> centre, <math><3\ \Omega</math> outer
- High voltage inserts contact resistance, outer conductor = <math><3\text{ M}\Omega</math>

Specifications:

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|-------------------------------|--------------------------------|
| Contact Material | Copper Alloy |
| Contact Plating | Gold Plated |
| Current Rating | 10 A |
| For Use With | DIN41612 Type M Male Connector |
| Gender | Male |
| Maximum Contact Resistance | 1 mΩ |
| Maximum Operating Temperature | +125°C |
| Minimum Operating Temperature | -55°C |
| Mounting Type | Cable Mount |
| Orientation | Straight |
| Contact Type | Pin |
| Length | 23 mm |
| Termination Method | Solder |