

Datasheet

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

RS Stock No: **309-4020**



Product Details

RS Pro DIN straight female 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 female 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:**

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