

Datasheet

RS Pro Right Angle Male Copper Alloy DIN Connector Contact

RS Stock No: **309-4042**



Product Details

RS Pro right angled 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 40 A and is suitable for use with DIN41612 type M male connector.

Features and Benefits

- Right angle male copper alloy DIN connector
- Has a current rating of 40 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\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
Current Rating	40 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	Through Hole
Orientation	Right Angle
Contact Type	Pin
Length	17.8 mm
Termination Method	PCB