

Datasheet

RS Pro DIN 41612 Series Straight RG174/U, RG188 A/U, RG316/U Male Copper Alloy DIN Connector Contact

RS Stock No: **477-7243**



Product Details

RS Pro DIN straight 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. The connector supports RG174/U, RG188 A/U, RG316/U cable type. This connector has a current rating of 2 A and is suitable for use with DIN41612 type M female connector.

Features and Benefits

- Straight DIN connector
- Copper alloy contact
- Has a current rating of 2 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:**

Cable Type	RG174/U, RG188 A/U, RG316/U
Contact Material	Copper Alloy
Contact Plating	Gold Plated
Current Rating	2 A
For Use With	DIN41612 Type M Female Connector
Gender	Male
Maximum Contact Resistance	2.7 mΩ
Maximum Operating Temperature	+125°C
Minimum Operating Temperature	-55°C
Mounting Type	Cable Mount
Orientation	Straight
Contact Type	Pin
Length	24.2 mm