

75 Ohm SMC Plug Connector Clamp/Solder Attachment for RG59, RG62, RG71



PE4258

Configuration

- SMC Plug Connector
- 75 Ohms
- Straight Body Geometry
- Clamp/Solder Method
- Connector Interface Types: RG59, RG62, RG71

Features

- Max. Operating Frequency 2 GHz
- Gold Plated Beryllium Copper Contact
- Contact plating according to ASTM-B488-11

Applications

- General Purpose Test
- Custom Cable Assemblies

Description

Pasternack's PE4258 , SMC, Standard, Connector is part of our full line of RF components available for same-day shipping. Our SMC plug connector operates up to a maximum frequency of 2 GHz.

Our 75 ohm SMC plug connector PE4258 datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave connectors allows designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right connector for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same-day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		2	GHz
Operating Voltage (AC)			250	Vrms
Dielectric Withstanding Voltage (AC)			2,000	Vrms
High Potential Voltage at 5 MHz			1,000	Vrms
Corona Discharge at 70,000 feet			350	Vrms
Insulation Resistance	1,000			MOhms
Impedance		75		Ohms

Mechanical Specifications

Size

Length	0.72 in [18.29 mm]
Width	0.34 in [8.64 mm]
Height	0.34 in [8.64 mm]
Weight	0.014 lbs [6.35 g]
Mating Cycles	500 Cycles

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Material Specifications

Description	Material	Plating
Contact	Beryllium Copper	Gold ASTM-B488-11
Insulation	PTFE	
Body	Brass	Nickel QQ-N-290
Coupling Nut	Brass	Nickel QQ-N-290

Environmental Specifications

Temperature

Operating Range

-65 to +165 deg C

Shock

MIL-STD-202, Method 213, Condition B

Vibration

MIL-STD-202, Method 204, Condition B

Thermal Shock

MIL-STD-202, Method 107, Condition B

Salt Spray

MIL-STD-202, Method 101, Condition B, 5% salt solution

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

75 Ohm SMC Plug Connector Clamp/Solder Attachment for RG59, RG62, RG71 from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Plug Connector Clamp/Solder Attachment for RG59, RG62, RG71 PE4258](#)

URL: <https://www.pasternack.com/smc-plug-standard-rg59-rg62-connector-pe4258-p.aspx>

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