



## 7/16 Din (M) Right Angle Solder Type Connector for 1/4in SF and RG401| 123-14SFD MRS | 123e.com

Part Number: 123-14SFD MRS

The 123-14SFD MRS is a 7/16 DIN male right angle solder-center, solder-body connector designed for use with 1/4" SuperFlex and FlexForm (RG401) coaxial cables. It delivers reliable signal integrity from 0-6 GHz with 50-ohm impedance and Low PIM performance ( $< -160$  dBc), making it ideal for wireless infrastructure, DAS, and telecom applications.

Constructed with a silver-plated brass inner conductor, ternary alloy-plated brass body, silicone rubber gasket, and PTFE insulation, this connector is built for durability across an operating temperature range of  $-40^{\circ}\text{C}$  to  $+155^{\circ}\text{C}$ . Compatible with CommScope FSJ1-50A and equivalent 1/4" SF cables.

### CROSS REFERENCE

Alternative To

### PHYSICAL SPECIFICATIONS

Options	Solder Type
Connector A	7/16 Din Right Angle
Gender	Male
Inner Conductor	Brass, Silver Plating
Body	Brass, Ternary Alloy Plating
Gasket	Silicone Rubber
Insulation	PTFE

### ELECTRICAL SPECIFICATIONS

Frequency Range	0-6GHz
Impedance	50 Omhs
PIM	$\leq -160\text{dBc}@1900\text{MHz}$
VSWR	$\leq 1.2$ (0-3GHz) $\leq 1.3$ (3-6GHz)

### ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	$-40^{\circ}\text{C}$ to $\sim 155^{\circ}\text{C}$
RoHS Compliance	Yes

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