



## Nex10 Male RA solder center body connector for 1/4in Super Flexible Cable | 123-14SFXMRS | 123e.com

Part Number: 123-14SFXMRS

The 123-14SFXMRS is a Nex10 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 ( $< -155$  dBc @ 700 MHz,  $< -163$  dBc @ 1800 MHz), 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.

### PHYSICAL SPECIFICATIONS

Options	Solder Type
Connector A	NEX10 Right Angle
Gender	Male
Inner Conductor	Brass, Silver Plating
Outer Conductor	Beryllium-copper, Silver Plating
Body	Brass, Ternary alloy Plating
Gasket	Silicone Rubber
Insulation	PTFE

### ELECTRICAL SPECIFICATIONS

Frequency Range	0-6GHz
Impedance	50 Omhs
PIM	$< -160$ dBc
VSWR	0-3GHz $< 1.15$ 3-6GHz $< 1.30$

### ENVIRONMENTAL SPECIFICATIONS

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