



SMC CONNECTORS PRODUCT EXTENSION

TE Connectivity (TE) introduces an extension of our SMC connector RF product line. SMC connectors are miniature and lightweight, designed for use in critical applications where limited space and vibration are of major concern. These connectors have a constant impedance of $50\ \Omega$, a voltage rating of 350 volts, and operate at frequencies up to 10 GHz. SMC connectors have a threaded coupling and can be used with a wide range of miniature coaxial cable sizes including RG 174, 188A, and 316.

PRODUCT FACTS

- Up to 10 GHz operation
- $50\ \Omega$ impedance
- Threaded interface
- Miniature screw-on coupling
- Three-piece design
- Connector bodies pre-assembled
- Center conductor and braid terminated with the same tool
- Low noise level
- PTFE dielectric

APPLICATIONS

- Antennas
- GPS tracking
- GSM cellular
- Instrumentation
- Telecommunications
- PC/LAN
- Video systems

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PART NUMBERS

Part #	Detailed Description
2477165-1	SMC Jack Straight, Panel Mount, PCB Through Hole, Brass Gold, PTFE, 10 GHz, 50 Ohm
2477166-1	SMC Jack Straight, Rear Bulkhead, Panel Mount, Solder Cup Termination, Brass Gold, PTFE, 10 GHz, 50 Ohm
2477167-1	SMC Jack Straight, Front Bulkhead, Panel Mount, Solder Cup Termination, Brass Gold, PTFE, 10 GHz, 50 Ohm
2477168-1	SMC Jack Right Angle, PCB Through Hole, Brass Gold, PTFE, 10 GHz, 50 Ohm
2477169-1	SMC Jack Right Angle, PCB Through Hole, Brass Gold & Tin, PTFE, 10 GHz, 50 Ohm
2477170-1	SMC Jack Right Angle, Panel Mount, PCB Through Hole, Brass Gold, PTFE, 10 GHz, 50 Ohm
2477171-1	SMC Plug Straight, Cable Crimp RG174, 188A, 316, Brass Gold, PTFE, 6 GHz, 50 Ohm
2477172-1	SMC Plug Right Angle, Cable Crimp RG174, 188A, 316, Brass Gold, PTFE, 6 GHz, 50 Ohm

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