



SMP

The High Power Board-to-Board Interconnection

- » 5G capable board-to-board design
- » Various board-to-board and board-to-filter PCB distances
- » Excellent RF transmission up to 200 W
- » Permits high axial and radial misalignment
- » High reliability through robust design
- » Cost effective production technologies in place



SMP

The High Power Board-to-Board Interconnection that also empowers 5G networks

The SMP connectors product line from IMS CS includes a full range of PCB plugs for SMD technology as well as for traditional throughhole mounting in Smooth Bore and Limited Detent versions.

The connectors have been optimised for VSWR performance in a microstrip environment and feature excellent matching characteristics. A wide range of adapters, allowing PCB distances from 9,8 to 27,2 mm are available as well as cable plugs for semi-rigid, semi-flexible and flexible cables.

Product Characteristics

- » Frequency range: DC – 10 GHz
- » Return loss: ≥ 31 dB @ DC to 4 GHz
 ≥ 20 dB @ 4 GHz to 10 GHz
- » Power handling: up to 200 W @ 2.2 GHz
- » Temperature ratings: -65°C to 165°C
- » RoHS (2002/95/EC) conform
- » RoHS (2011/65/EC) conform
- » Body material: Brass
- » Outer/Centre Contact material: Copper Beryllium
- » Contact Finish: 3-5 Ag + CuZnSn alloy
- » Impedance: 50 Ohm
- » For further details: www.imscom.com/eCatalog



APPLICATIONS

High power board to board and board to cable interconnections where RF signals have to be transmitted continuously. Our SMP connectors are widely used in base stations, radios, filters, wireless, handheld radios, amplifiers and more applications.

PRODUCT PORTFOLIO (EXTRACT)

5022.PSMP – Adapter P-SMP(f) - P-SMP(f)		7601.PSMP – Adapter P-SMP(f) - P-SMP(f)	
			
7366.PSMP - PCB mount plug		7518.PSMP - PCB mount plug	
			
7534.PSMP - Bulkhead plug		7295.PSMP - PCB mount plug	
			



EUROPE

IMS Connector Systems GmbH

Phone +49 (0) 7654 901-100
sales@imscs.com

AMERICAS

IMS Connector Systems Inc.

Phone +1 507 837 9393
salesusa@imscs.com

APAC

IMS Connector Systems Ltd.

Phone +86 (0) 512 6808-1816
sales@imscscn.com

IMS CONNECTOR SYSTEMS

HEADQUARTERS, GERMANY
IMS Connector Systems GmbH
Obere Hauptstraße 30
DE-79843 Löffingen

Phone +49 (0) 7654 901-100
Fax +49 (0) 7654 901-199

sales@imscs.com
www.imscs.com

More product information:
www.imscs.com >> markets >> Communication

