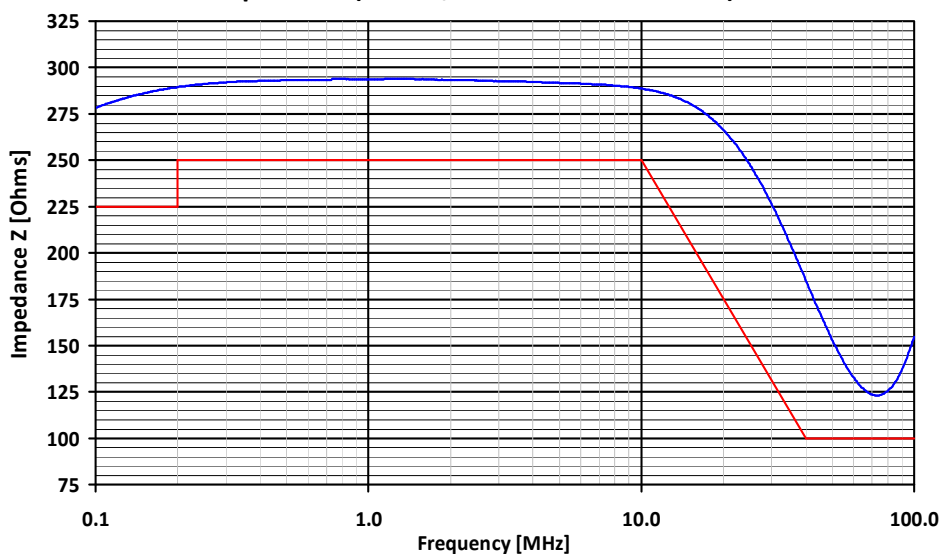


F-203I-A-23mm

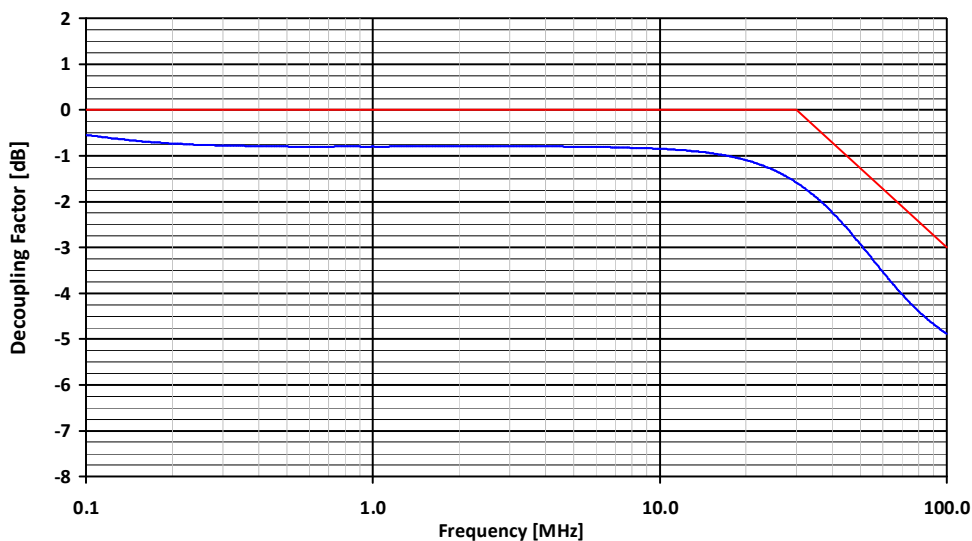


RF electromagnetic fields frequently degrade the performance of electronic equipment by generating common mode currents on cables. RF immunity to these fields can be verified by injecting common-mode currents onto the cables of the equipment under test. The F-203I-A-23mm EM Clamp is an high-efficiency, broadband clamp-on injection device that is used to test the immunity of electronic equipment when direct capacitive coupling technique is not possible nor appropriate. When the F-203I-A-23mm is used with the F-203I-A-CF3-23mm-150 and the F-203I-A-CF3-23mm-50 calibration fixtures, it fully complies with IEC61000-4-6 Edition 4.0.

Impedance (TOSM / ABCD Transformation)



Decoupling Factor (TOSM / ABCD Transformation)



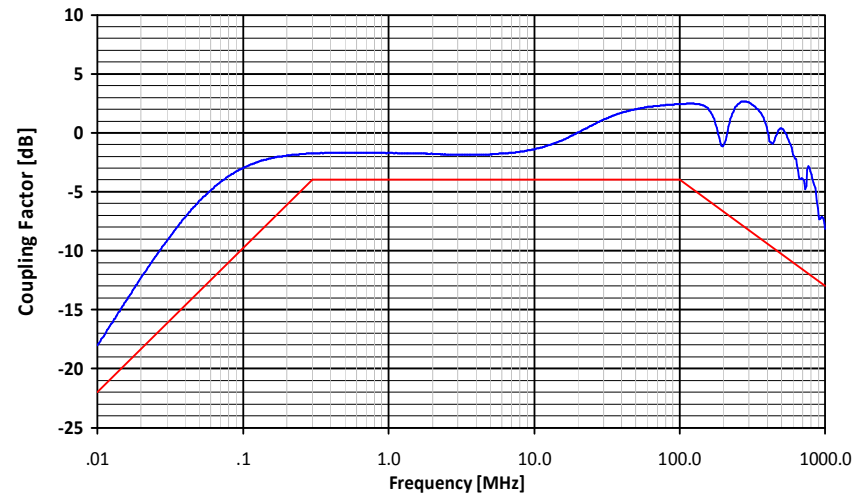
Fischer Custom Communications, Inc.

20603 Earl St., Torrance, CA 90503 • Phone: 310-303-3300 • Fax 310-371-6268 • email: sales@fischercc.com

600124 Rev. B © 2014 Fischer Custom Communications, Inc.

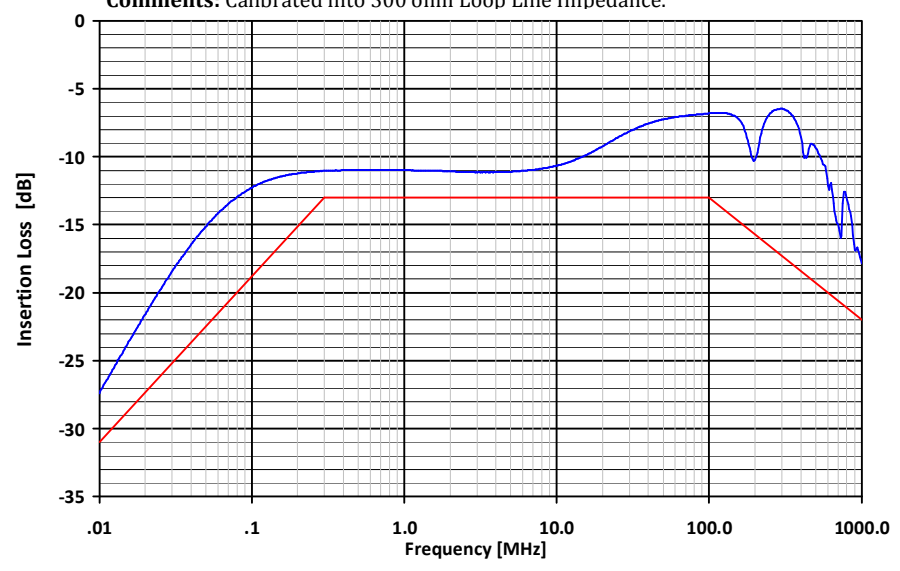
All rights reserved • Printed in USA

Coupling Factors



Insertion Loss

Comments: Calibrated into 300 ohm Loop Line Impedance.



Specifications

Input Power Rating:

| | |
|------------------|-----------------------------|
| 10kHz – 100MHz | 100 watts CW for 15 minutes |
| 100MHz – 230 MHz | 100 watts CW for 10 minutes |
| 230MHz – 1GHz | 50 watts CW for 10 minutes |

Coupling Aperture:

23mm

Length:

610mm

Width:

75mm

Connector:

Type-N

Accessories

F-203I-A-CF3-23mm-150
(150Ω calibration jig)

F-203I-A-CF3-23mm-50
(50Ω calibration jig)



Fischer Custom Communications, Inc.

20603 Earl St., Torrance, CA 90503 • Phone: 310-303-3300 • Fax 310-371-6268 • email: sales@fischercc.com

600124 Rev. B

© 2014 Fischer Custom Communications, Inc.

All rights reserved • Printed in USA