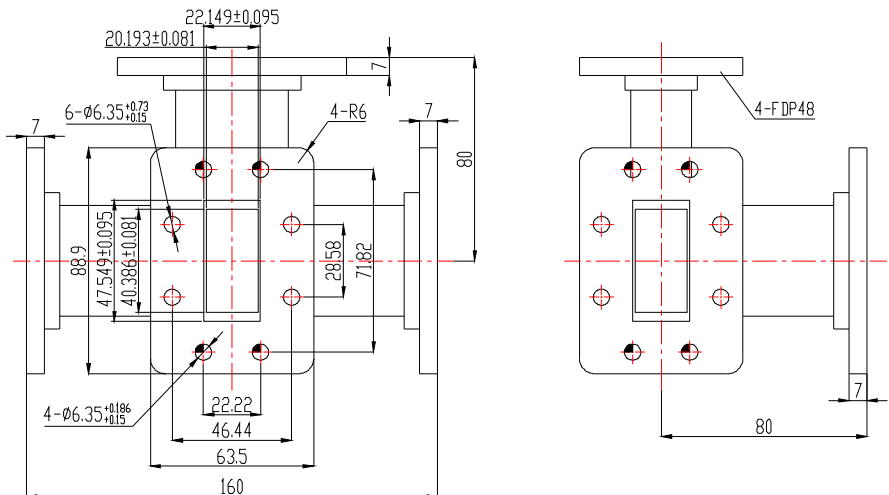


Waveguide Magic Tee

Part No: VT48WMTC

1.0 Mechanical Specifications	
1.1	Waveguide Type WR187
1.2	Flange Type FDP48 (Cover)
1.3	Material Copper
1.4	Inside Finish Passivated
1.5	Outside Finish Anticorrosion black paint
2.0 Electrical Specifications	
2.1	Frequency Range 3.95-5.85 GHz
2.2	Operating Bandwidth 10%~15% of waveguide bandwidth
2.3	VSWR (Max) 1.15 (H-plane), 1.20 (E-plane)
2.4	Isolation (Min) 40 dB (H&E Arms)
2.5	Unbalance (Max) 0.2 dB
3.0 Outline Drawings	
 <p>The technical drawings show the mechanical specifications of the Waveguide Magic Tee. The front view (left) includes dimensions such as 160 (total width), 80 (total height), and various offsets for the waveguide arms and mounting holes. The side view (right) shows the 4-FDP48 flange and the 80mm width of the main body.</p>	



Revision History

Date	Revision	Changes
17-Mar-2006	1	First release

Information furnished is believed to be accurate and reliable. However, Vector Telecom assumes no responsibility for the consequences of use of such information nor for any infringement of patents or other rights of third parties which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of Vector Telecom. Specifications mentioned in this publication are subject to change without notice. This publication supersedes and replaces all information previously supplied. Vector Telecom products are not authorized for use as critical components in life support devices or systems without express written approval of Vector Telecom.

The Vector Telecom logo is a registered trademark of Vector Telecom Pty Ltd.

© 2006 Vector Telecom Pty Ltd - All rights reserved

Email: sales@vectortele.com

www.vectortele.com

Vector Telecom Pty Ltd

Level 40, 140 William Street, Melbourne VIC 3000, Australia
Tel: +61 3 9607 8357 - Fax: +61 3 9607 8282 - www.vectortele.com