

229WHT WR229 Waveguide H-Plane Tee 3.3-4.9GHz with Three Rectangular Waveguide Interfaces

WR229 Waveguide H-Plane Tee Operating From 3.3 to 4.9GHz with Three Rectangular Waveguide Ports



### Product Information

SKU	229WHT
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### Description

Waveguide H-plane tee 229WHT, operating from 3.3 to 4.9GHz with a 0.15dB insertion loss and low VSWR 1.50:1. 229WHT is a three-ports waveguide connector. All the ports have standard WR229 waveguides with the same flanges FDP40(UDR40). The waveguide H-plane tees are used to separate the signal at H plane rectangular port into the collinear arm with the two rectangular waveguide ports or synthesize the signal from the two ports of the collinear arm into the H plane port.

## Technical Specification

Electrical Specification		Interface	
WG Tee Type	H-Plane Tee	Flange 3 Style	Rectangular
Waveguide Band	S C	Flange 3 Type	Cover
Waveguide Type	Rectangular	Flange 3 Designation	FDP40(UDR40)
Waveguide Size EIA WR	WR229	Mechanical Specification	
Frequency, Min (GHz)	3.3	Body Material	Al
Frequency, Max (GHz)	4.9	Pressure Sealed	No
I.L., Typ (dB)	0.15	Environmental Specification	
I.L., Max (dB)	0.2	Operating Temp. Low (°C)	-55
VSWR, Typ	1.50:1	Operating Temp. High (°C)	85
Power Handling, CW, (W)	3300	Storage Temp. Low (°C)	-60
Power Handling, Peak, (KW)	1700	Storage Temp. High (°C)	90
Interface			
Flange 1 Style	Rectangular		
Flange 1 Type	Cover		
Flange 1 Designation	FDP40(UDR40)		
Flange 2 Style	Rectangular		
Flange 2 Type	Cover		
Flange 2 Designation	FDP40(UDR40)		

## Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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## Similar Products



187WET WR187 Waveguide E-Plane Tee 3.95-5.85GHz with Three Rectangular Waveguide Interfaces



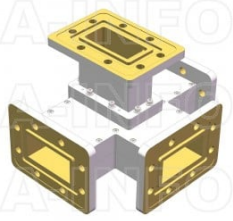
187WET/C10 WR187 Waveguide E-Plane Tee 4.4-5GHz with Three Rectangular Waveguide Interfaces



187WHT WR187 Waveguide H-Plane Tee 3.95-5.85GHz with Three Rectangular Waveguide Interfaces



187WMT WR187 Waveguide Magic Tee 3.95-5.85GHz with Four Rectangular Waveguide Interfaces



187WMT\_DMDMDMDM WR187 Waveguide Magic Tee 3.95-5.85GHz with Four Rectangular Waveguide Interfaces



229WET WR229 Waveguide E-Plane Tee 3.3-4.9GHz with Three Rectangular Waveguide Interfaces



229WMT WR229 Waveguide Magic Tee 3.3-4.9GHz with Four Rectangular Waveguide Interfaces



284WET WR284 Waveguide E-Plane Tee 2.6-3.95GHz with Three Rectangular Waveguide Interfaces



284WHT WR284 Waveguide H-Plane Tee 2.6-3.95GHz with Three Rectangular Waveguide Interfaces



284WMT WR284 Waveguide Magic Tee 2.6-3.95GHz with Four Rectangular Waveguide Interfaces



284WMT\_PM5 WR284 Waveguide Magic Tee 2.6-3.95GHz with Four Rectangular Waveguide Interfaces



284WMT\_PM6 WR284 Waveguide Magic Tee 2.6-3.95GHz with Four Rectangular Waveguide Interfaces

### About this Datasheet

<ul style="list-style-type: none"> <li>● <b>Product Information</b> Product Link: <a href="https://www.ainfoinc.com/229wht-wr229-waveguide-h-plane-tee-3-3-4-9-ghz-fdp40-udr40">https://www.ainfoinc.com/229wht-wr229-waveguide-h-plane-tee-3-3-4-9-ghz-fdp40-udr40</a> Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved</li> </ul>	<ul style="list-style-type: none"> <li>● <b>Contact Us</b> Address: 60 Tesla, Irvine, CA 92618, USA  Website: <a href="http://www.ainfoinc.com">www.ainfoinc.com</a>  Email: <a href="mailto:sales@ainfoinc.com">sales@ainfoinc.com</a></li> </ul>	<ul style="list-style-type: none"> <li>● <b>Phone &amp; Fax</b> Phone: +1-949-639-9688 +1-949-639-9608  Fax: +1-949-639-9670</li> </ul>
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