

430WHT WR430 Waveguide H-Plane Tee 1.7-2.6GHz with Three Rectangular Waveguide Interfaces

WR430 Waveguide H-Plane Tee Operating From 1.7 to 2.6GHz with Three Rectangular Waveguide Interfaces



Product Information

SKU	430WHT
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Description

Waveguide H-plane tee 430WHT, operating from 1.7 to 2.6GHz with a 0.1dB insertion loss and low VSWR 1.50:1. 430WHT is a three-ports waveguide connector. All the ports have standard WR430 waveguides with the same flanges FDP22(UDR22). 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	Flange 3 Type	Cover
Waveguide Type	Rectangular	Flange 3 Designation	FDP22(UDR22)
Waveguide Size EIA WR	WR430	Mechanical Specification	
Frequency, Min (GHz)	1.7	Body Material	Al
Frequency, Max (GHz)	2.6	Pressure Sealed	No
I.L., Typ (dB)	0.1	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)	11000	Storage Temp. Low (°C)	-60
Power Handling, Peak, (KW)	6000	Storage Temp. High (°C)	90
Interface			
Flange 1 Style	Rectangular		
Flange 1 Type	Cover		
Flange 1 Designation	FDP22(UDR22)		
Flange 2 Style	Rectangular		
Flange 2 Type	Cover		
Flange 2 Designation	FDP22(UDR22)		

Additional Information

Application	General Purpose Indoor & Outdoor, Fixed
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Similar Products



340WET WR340 Waveguide E-Plane Tee 2.2-3.3GHz with Three Rectangular Waveguide Interfaces



340WHT WR340 Waveguide H-Plane Tee 2.2-3.3GHz with Three Rectangular Waveguide Interfaces



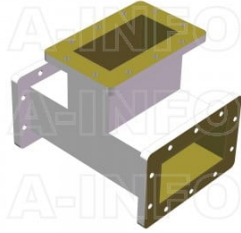
340WMT WR340 Waveguide Magic Tee 2.2-3.3GHz with Four Rectangular Waveguide Interfaces



430WET WR430 Waveguide E-Plane Tee 1.7-2.6GHz with Three Rectangular Waveguide Interfaces



430WMT WR430 Waveguide Magic Tee 1.7-2.6GHz with Four Rectangular Waveguide Interfaces



510WET WR510 Waveguide E-Plane Tee 1.45-2.2GHz with Three Rectangular Waveguide Interfaces



510WHT WR510 Waveguide H-Plane Tee 1.45-2.2GHz with Three Rectangular Waveguide Interfaces

About this Datasheet

<ul style="list-style-type: none"> • Product Information Product Link: https://www.ainfoinc.com/430wht-wr430-waveguide-h-plane-tee-1-7-2-6-ghz-fdp22-udr22 Data subject to change without notice. © A-INFO INC. 2024. All Rights Reserved 	<ul style="list-style-type: none"> • Contact Us Address: 60 Tesla, Irvine, CA 92618, USA Website: www.ainfoinc.com Email: sales@ainfoinc.com 	<ul style="list-style-type: none"> • Phone & Fax Phone: +1-949-639-9688 +1-949-639-9608 Fax: +1-949-639-9670
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