



Product Data Sheet Short Slot Hybrid



Quadrature or 90°, equal power division hybrids are available as a basic subsystem building block. These units meet, as a minimum the following electrical specifications over a 10% bandwidth:

Amplitude Balance:	+/- 0.25 Db
Phase Balance:	90° +/- 2°
Insertion Loss:	Less than 0.1 dB
Isolation:	28 dB minimum
VSWR:	1.10:1

These units are normally supplied with single flange outputs. However, dual flange outputs are available to our standards or in accordance with your feed system layouts

If your requirements necessitate power combining or dividing in unequal ratios, contact our sales department for technical assistance.



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Waveguide Size	WR2300	WR2100	WR1800	WR1500	WR1150	WR975	WR770	WR650	WR430
3Db Hybrid Cat. No.	3015001	3115001	3215001	3315001	3415001	3515001	3615001	3715001	4015001
4.77 dB Hybrid Cat. No.	3015200	3115200	3215200	3315200	3415200	3515200	3615200	3715200	4015200
6 Db Hybrid Cat. No.	3015260	3115260	3215260	3315260	3415260	3515260	3615260	3715260	4015260
Length Inches (mm)	69 (1752.6)	60 (1524)	42 (1066.8)	36 (914.4)	36 (914.4)	24 (609.6)	24 (609.6)	20 (508)	12 (304.8)

Waveguide Size	WR340	WR284	WR229	WR187	WR159	WR137	WR112	WR102	WR90
3Db Hybrid Cat. No.	4115001	4215001	4715001	4815001	4915001	5015001	5115001	5115001	5115001
4.77dB Hybrid Cat. No.	4115200	4215200	4715200	4815200	4915200	5015200	5115200	5115200	5115200
6 dB Hybrid Cat. No.	4115260	4215260	4715260	4815260	4915260	5015260	5115260	5115260	5115260
Length Inches (mm)	12 (304.8)	12 (304.8)		3.25 (82.5)					