

Ultra-Broadband Splitter/Combiner



The final product may vary from the above image depending on the options selected.

Products:

DEV 2644/50	Ultra-Broadband Low Loss Splitter/Combiner; 500...2700 MHz; 50 Ohm, SMA (f)
DEV 2644/75	Ultra-Broadband Low Loss Splitter/Combiner; 400...2850 MHz; 75 Ohm, F (f)

Features:

- Passive Broadband 1:4 Splitter or 4:1 Combiner
- Compact Wall mountable Chassis
- Impedance 50 Ohm or 75 Ohm
- DC Signals are not blocked

Technical Data

DEV 2644/50 Ultra-Broadband Low Loss Splitter/Combiner; 500...2700 MHz; 50 Ω , SMA (f)

DEV 2644/75 Ultra-Broadband Low Loss Splitter/Combiner; 400...2850 MHz; 75 Ω , F (f)

Capacity

Number of Output/Input Ports	4
Number of Common Ports	1

RF Specifications

Frequency Range	DEV 2644/50: 500...2700 MHz	DEV 2644/75: 400...2850 MHz
Impedance, Connectors	DEV 2644/50: 50 Ohm, SMA (f)	DEV 2644/75: 75 Ohm, precision F (f)
Return Loss Common Port	DEV 2644/50: >17 dB	DEV 2644/75: >14 dB
Return Loss Ports 1...4	>20 dB	
Insertion Loss	8 \pm 2 dB	
Flatness	\pm 1.5 dB (over entire Band)	
	\pm 0.2 dB (in any 36 MHz Interval)	
Isolation	DEV 2644/50: >22 dB, typ. >25 dB	DEV 2644/75: >20 dB
DC Blocked	No	

General Specifications

Size	4.1" (104 mm) Width, 0.6" (15 mm) Height, 3.2" (82 mm) Depth
Weight	~0.3 kg
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1

Order Information

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Contact

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Technical specifications are subject to change