Westell | Passive Neutral Host DAS Combiner

8x4 Neutral Host Combiner 617-2700 MHz

General Description

Combines 4 low band ports plus 4 high band ports to 4 outputs. Ideal for passively combining up to 8 cellular base stations for a neutral host application.

Product Highlights

- Outputs from 617-2700 MHz
- Low Insertion Loss
- Guaranteed Low PIM ≤ -153 dBc
- Compact at, 3 RU rack size

Frequency Range

• 617-2700 MHz

Inputs

L1

H1

L2

H2 L3

H2

L4

H4

Ordering information

	Part Number	Descriptions
	CS09-781-849	8x4 Neutral Host Combiner, 617-2700 MHz, -153 dBc, 4.3-10(f)

High/Low

Diplexer

High/Low Diplexer

High/Low

Diplexer

High/Low Diplexer



8x4 Neutral Host Combiner 617-2700 MHz

617-960 MHz, Low Band

18 lbs (8.2 kg) nom

Specifications

Inputs L1 to L4

		Inputs H1 to H4	1710-2700 MHz, High Band
		Input Isolation, dB	Within Bands: 24 typ., 22 dB min. Between Bands: >55 dB
	Antenna Ports	Input Return Loss	>15.6 dB (>19 dB typical)
	Α	Coupling (In-Out)	6.1±1.9dB (698-800 MHz), L paths 6.4±1.2dB (800-960 MHz), L paths 6.6±1.2dB (1710-2500 MHz), H paths 6.6±1.4dB (2500-2700 MHz), H paths
4 x 4 Hybrid Combiner	В	Output Return Loss	>15.6dB
617-2700 MHz		Passive Intermodulation (PIM)	≤ -153 dBc
	C	Power per input	75W avg., 3 kW peak
	_	Group Delay	6ns typ
	D	Impedance	50Ω nominal
		Connector	4.3-10(f) (others available by special order)
		Environment	-15°C to +65°C
		Finish	Housing: 3RU RoHS aluminum Connectors: Triplate

Weight

Specifications subject to change without notice.



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