

Quad-band Combiner

HILINKS

960433XX

380-960MHz

1710-2170MHz

2300-2700MHz

3300-3800MHz

- ◆ Designed for co-siting purposes
- ◆ Can be used at the BTS side or the antenna side
- ◆ Available for various DC/AISG by pass configurations
- ◆ Suitable for indoor and outdoor applications
- ◆ Built-in lightning protection
- ◆ Wall or pole mounting

Technical Data

Electrical Specifications

Type No.	N Female	96043363 Single	96043365 Single	96043367 Single
		96043364 Double	96043366 Double	96043368 Double
	4.3-10 Female	96043373 Single	96043375 Single	96043377 Single
		96043374 Double	96043376 Double	96043378 Double
	7-16 Female	96043383 Single	96043385 Single	96043387 Single
		96043384 Double	96043386 Double	96043388 Double
Frequency Range (MHz)	Band1 Band2 Band3 Band4	380-960 1710-2170 2300-2700 3300-3800		
Insertion Loss (dB)	Port1 Port2 Port3 Port4	≤0.5 ≤0.5 ≤0.5 ≤0.5		
Isolation (dB)		≥45		
Return Loss (dB)	Port1 Port2 Port3 Port4	≥19 ≥19 ≥19 ≥19		
PIM3 (@2x43 dBm Carrier) (dBc)		≤-150	≤-155	≤-160
DC/AISG By Pass		Pass		
Input Power (W)		≤200		
Peak Power (W)		≤800(N Female), ≤1500(4.3-10 Female), ≤2000(7-16 Female)		
Impedance (Ω)		50		

Mechanical Specifications

Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	Single: 179x190x54 Double: 179x190x111
Weight (including connectors and mounting bracket) (kg)	Single: 6.4 Double: 12.8
Packing Size (mm)	Single: 329x250x144 (2Pcs/box) Double: 329x250x288 (1Pcs/box)
Color	Light Gray
Mounting	Pole (clamps included for Φ35-125mm pole) or Wall Mounted

Environmental Specifications

Operational Temperature (°C)	-30 to +60
Operational Humidity (%)	≤95
Ingress Protection Class	IP67 (Indoor and Outdoor)
Lightning Protection	3kA; 10/350 μs pulse

Accessories (order separately)

Type No.	Description
50801.0619100	Hoop

