

# Penta-Band Combiner

96053247

# HILINKS

- Frequency Range 698-960/1710-1880/1920-2100/2300-2700/3300-3800MHz
- Designed for co-siting purposes
- Can be used at the BTS side or the antenna side
- Available for various DC/AISG bypass configurations
- Suitable for indoor and outdoor applications
- Built-in lightning protection
- Wall or pole mounting



## Technical Data

### Electrical Specifications

Type No.	4.3-10 Female	96053247
Frequency Range (MHz)	Band1	698-960
	Band2	1710-1880
	Band3	1920-2170
	Band4	2300-2700
	Band5	3300-3800
Insertion Loss (dB)		≤0.4
Isolation (dB)		≥50
Return Loss (dB)		≥19
PIM3 (@2x43 dBm Carrier) (dBc)		≤-160
Input Power (W)		≤200
Peak Power (W)		≤2000
Impedance (Ω)		50

### Mechanical Specifications

Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	245x154x60
Weight (including connectors and mounting bracket) (kg)	3.0
Packing Size(mm)	315x315x160
Color	Light Gray (customized)
Mounting	Pole (clamps included for Φ35-135mm pole) or Wall Mounted

### Environmental Specifications

Operational Temperature (°C)	-40 to +65
Operational Humidity (%)	≤95
Ingress Protection Class	IP65 (Indoor and Outdoor)
Lightning Protection	8kA; 8/20 μs pulse

### Accessories (order separately)

Type No.	Description
50801.5519050	Hose clamp

