

# Triple -Band Combiner

## 9603455X

# HILINKS

- Frequency Range 1710-1880/1920-2170/2500-2700MHz
- 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	96034553 Single	96034555 Single	96034557 Single
		96034554 Double	96034556 Double	96034558 Double
Frequency Range (MHz)	Band1 Band2 Band3	1710-1880 1920-2170 2500-2700		
Insertion Loss (dB)	Port1 Port2 Port3	≤0.3 ≤0.3 ≤0.3		
Isolation (dB)		≥50		
Return Loss (dB)/VSWR		≥20/≤1.22		
PIM3 (@2x43 dBm Carrier) (dBc)		≤-150	≤-155	≤-160
DC/AISG Bypass		Pass		
Input Power (W)		≤250		
Impedance (Ω)		50		

#### Mechanical Specifications

Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	Single:168X146X50.5 Double:168X146X105.5
Weight (including connectors and mounting bracket) (kg)	Single :2.4 Double :4.8
Packing Size(mm)	Single:315X235X150 Double:315X235X191
Color	Light Gray (customized)
Mounting	Pole (clamps included for Φ35-135mm pole) or Wall Mounted

#### Environmental Specifications

Operational Temperature (°C)	-25 to +65
Storage temperature range(°C)	-40 to +85
Operational Humidity (%)	≤95
Ingress Protection Class	IP67 (Indoor and Outdoor)
Lightning Protection	5kA; 8/20 μs pulse

#### Accessories (order separately)

Type No.	Description
50801.5519050	Hose clamp

