

Penta-Band Combiner

960534XX

- Frequency Range 600-960/1710-1880/1920-2170/2300-2400/2500-2700MHz
- 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	96053483	96053485	96053487
	7-16 Female	96053493	96053495	96053497
Frequency Range (MHz)	Band1	600-960		
	Band2	1710-1880		
	Band3	1920-2170		
	Band4	2300-2400		
	Band5	2500-2700		
Insertion Loss (dB)		≤0.4		
Return Loss (dB)/VSWR		≤-19/1.25:1		
Isolation (dB)	Port1	≥50		
	Port2	≥70		
	Port3	≥70		
	Port4	≥70		
	Port5	≥70		
DC/AISG Bypass	Port1	Stop		
	Port2	Stop		
	Port3	Stop		
	Port4	Stop		
	Port5	Pass		
PIM3 (@2x43 dBm Carrier) (dBc)		≤-150	≤-155	≤-160
Input Power (W)		≤250		
Peak Power (W)		≤1200		
Impedance (Ω)		50		

Mechanical Specifications

Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	289x206x55
Weight (including connectors and mounting bracket) (kg)	4.5
Packing Size(mm)	360x360x155
Color	Light Gray (customized)
Mounting	Pole (clamps included for Φ35-125mm pole) or Wall Mounted

Environmental Specifications

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

Accessories (order separately)

Type No.	Description
50801.5519050	Hose clamp

