

Quad-Band Combiner

96040XXX

HILINKS

- Frequency Range 694-960/1710-1880/1920-2170/2300-2690MHz
- 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	96040027 Single 96040028 Double	96040047 Single 96040048 Double	96040067 Single 96040068 Double	96040087 Single 96040088 Double	96040107 Single 96040108 Double
Frequency Range (MHz)	Band1 Band2 Band3 Band4	694-960 1710-1880 1920-2170 2300-2690				
Insertion Loss (dB)	Port1 Port2 Port3 Port4	≤0.3 ≤0.35(0.3 typ) ≤0.37(0.3 typ) ≤0.3				
Isolation (dB)		≥50				
Return Loss (dB)		≥20				
PIM3 (@2x43 dBm Carrier) (dBc)		≤-160				
DC/AISG Bypass	Port1-COM Port2-COM Port3-COM Port4-COM	Pass Stop Stop Stop	Pass Pass Stop Stop	Pass Pass Pass Stop	Stop Stop Stop Stop	Pass Pass Pass Pass
Input Power (W)		≤300				
Peak Power (W)		< 1500				
Impedance (Ω)		50				

Mechanical Specifications

Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	Single:204x177x50 Double:204x177x105
Weight (including connectors and mounting bracket) (kg)	Single:3.3 Double:6.6
Packing Size(mm)	Single:372x278x155 (4Pcs/box) Double:375x310x395 (2Pcs/box)
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	IP67 (Indoor and Outdoor)
Lightning Protection	10kA; 8/20 μs pulse

Accessories (order separately)

Type No.	Description
50801.0619100	Hose clamp

