

Dual-band Combiner

96021658



- *Frequency Range 1710-1880/1920-2170MHz*
- *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		
Product No.	4.3-10 Female	96021658
Frequency Range (MHz)	Band1 Band2	1710-1880 1920-2170
Insertion Loss (dB)	≤ 0.2 typ, ≤ 0.3 max(@1710-1880MHz) ≤ 0.25 typ, ≤ 0.3 max(@1920-2170MHz)	
Isolation (dB)	≥ 55	
Return Loss (dB)/VSWR	$\geq 18/\leq 1.3:1$	
PIM3 (@2x43 dBm Carrier) (dBc)	≤ -160	
DC/AISG Bypass	Pass	
Input Power (W)	≤ 250	
Impedance (Ω)	50	

Mechanical Specifications

Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	164x134x105
Weight (including connectors and mounting bracket) (kg)	3.8
Packing Size(mm)	327x257x191
Color	Light Gray (customized)
Mounting	Pole (clamps included for $\Phi 35$ -135mm pole) or Wall Mounted

Environmental Specifications

Operational Temperature (°C)	-25 to +65
Operational Humidity (%)	≤ 95
Ingress Protection Class	IP67 (Indoor or outdoor)
Lightning Protection	10kA; 8/20 μ s pulse

Accessories (order separately)

Type No.	Description
50801.5519050	Hose clamp

