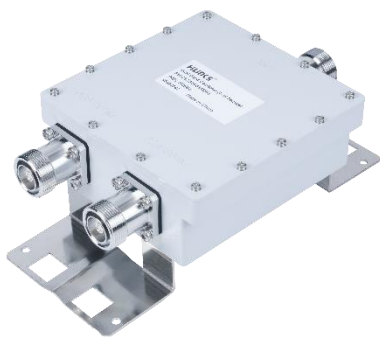


Dual-Band Combiner

96023567



- *Frequency Range 698-797/824-894MHz*
- *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.	7-16 Female	96023567
Frequency Range (MHz)	Band1 Band2	698-797 824-894
Insertion Loss (dB)	Port1 Port2	≤0.35 ≤0.35
Isolation (dB)	Port1 Port2	≥53 ≥53
Return Loss (dB)		≥20
PIM3 (@2x43 dBm Carrier) (dBc)		≤-160
DC/AISG Bypass		Pass
Input Power (W)		≤500
Peak Power (W)		≤2000
Impedance (Ω)		50

Mechanical Specifications	
Dimensions, HxWxD (excluding connectors and mounting bracket) (mm)	147.8x144.8x58
Weight (including connectors and mounting bracket) (kg)	2.0
Packing Size(mm)	310x205x148 (6Pcs/box)
Color	Light Gray (customized)
Mounting	Pole (clamps included for Φ35-125mm 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
50801.0618100	Hose clamp

