

# 78311235v01

Outdoor Same-Band combiner  
 1730-1750/1825-1845Mhz  
 1765-1785/1860-1880MHz

## Same-Band combiner

Type	78311235v01
Pass band frequency BTS 1 (LTE/GSM1800 / Operator 1) BTS 2 (LTE/GSM1800 / Operator 2)	Rx1/Rx2= 1730-1750Mhz, Tx1/Tx2= 1825-1845 Mhz Rx3/Rx4= 1765-1785MHz, Tx3/Tx4= 1860-1880 Mhz
Insertion Loss Port 1 ↔ Port 3 / Port 4 ↔ Port 6 Port 2 ↔ Port 3 / Port 5 ↔ Port 6	< 0.5 dB (1730-1750 MHz) / < 0.5 dB (1825-1845 MHz) < 0.5 dB (1765-1785 MHz) / < 0.5 dB (1860-1880 MHz)
Isolation Port1↔Port2 / Port4↔Port5	>30dB (1730-1750 / 1765-1785 / 1825-1845 / 1860-1880 MHz)
DC/AISG transparency (switchable) Port1↔Port3 / Port4↔Port6 Port2↔Port3 / Port5↔Port6	Stop By-pass (max. 2500 mA)
VSWR	< 1.25 (pass bands)
PIM3 (dBc, @2x43dBm)	≤ -160
Input Impedance (ohm)	50
Input Power Tx1/Tx2/Tx3/Tx4	< 100W / < 100W / < 100W / < 100W
Lightning Protection	3 kA, 10/350 μs pulse
Connector	4.3-10 female
Application	Indoor or outdoor (IP 66)
Dimension (mm)	287 x 171 x 218
Weight (kgs)	Approx. 5Kg
Mounting	Wall or mast pole
Operating Temperature (°C)	-40 to +65

