

PRODUCT SPECIFICATIONS

DC-825-200-YY-NF

Directional Coupler for CDMA800, GSM900, GSM1800, UMTS, WLAN

Where YY is coupling in dB: 3, 6, 10, 15, 20, 30.



Electrical Specifications

Frequency Range:	800-2500 MHz					
Coupling:	3 dB ± 0.6	6 dB ± 0.6	10 dB ± 0.8	15 dB ± 0.8	20 dB ± 1	30 dB ± 1.5
Splitting Ratio¹:	3.02 dB	1.256 dB	0.458 dB	0.140 dB	0.055 dB	0.004 dB
Dissipative Loss²:	≤0.35 dB	≤0.29 dB	≤0.3 dB	≤0.26 dB	≤0.245 dB	≤0.246 dB
Directivity:	≥20 dB					
Power Rating:	200 W					
VSWR:	≤1.2					
Intermodulation:	≤-140					
Impedance:	50 Ω					
Temperature Range:	-50 to 80 °C					
Interface:	N Female, Gold Plated					

Mechanical Specifications

Environment:	Indoor
Weight:	160 g (3 dB version), 200 g (all others)
Dimensions:	95x28x16 mm (3 dB model), 120x40x17 mm (all others)
Colour:	Black

¹ Splitting Ratio considers there is no tolerance in coupling (dB)

² Dissipative Loss figures are based on the gold-plated connector.