



DIRECTIONAL COUPLER FOR CDMA800/GSM900/PCN1800/UMTS/WLAN

Model : SUN-DC-825-200-YY-Z(Z)

Where

YY is Coupling (dB) – 3, 5, 6, 7, 10, 15, 20, 30, etc

Z(Z) is Connector – N(F), N(M)



Model	SUN-DC-825-200-YY-Z(Z)							
Frequency Range (MHz)	800-2500							
Coupling (dB)	3±0.6	5±0.6	6±0.6	7±0.6	10±0.8	15±0.8	20±1	30±1.5
Splitting Ratio (dB) ¹	3.02	1.651	1.256	0.967	0.458	0.140	0.055	0.004
Dissipative Loss (dB) ²	≤0.35	≤0.30	≤0.29	≤0.33	≤0.3	≤0.26	≤0.245	≤0.246
Directivity (dB)	≥20							
Power Rating (W)	200							
VSWR	≤1.2							
Intermodulation (dBc)	≤-140							
Impedance (Ohm)	50							
Temperature (deg)	-50~+80							
RF Connector ³	N(F) Gold plated							
Environment	Indoor (Option Outdoor ⁴)							
Weight (g)	160	200						
Size (mm) ^{4,5}	95x28x16	120x40x17						
Color	Black							

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

² Dissipative loss considers to use gold plated connector. If customer selects silver plated connector, dissipative loss is minus 0.1dB base on above figures.

³ Standard RF connector is gold plated.

⁴ Outdoor unit model is **SUN-DC-825-200-YY-Z(Z)-WP**

⁵ Not included with connector

Technical data are subjected to change without notice – File : SUN-DC-825-200-YY-Z(Z) datasheet 2008V2.0