



DIRECTIONAL COUPLER FOR TETRA 800/CDMA800/GSM900&1800/ UMTS/WLAN/WiMAX

Model : SUN-DC-827-200-YY-Z(Z)

Where

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

Z(Z) is N(F) or N(M) Connector



Model	SUN-DC-827-200-YY-Z(Z)					
Frequency Range (MHz)	800-2700					
Coupling (dB)	3±0.6	6±1	10±1	15±1	20±1.5	30±1.5
Splitting Ratio (dB) ¹	3.02	1.256	0.458	0.140	0.055	0.004
Dissipative Loss (dB) ²	≤0.35	≤0.29	≤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) ⁵	Indoor	95x28x16	120x40x17			
	Outdoor ⁴	96x39x22	127x47x20			
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-827-200-YY-Z(Z)-WP**

⁵ not included with connector

Technical data are subjected to change without notice – File : SUN-DC-827-200-YY-Z(Z) datasheet 2008V2.0