

## Couplers

## FR-CP0825-XX-2E-IX

Electrical Specification					
Frequency Range, MHz	800-2500				
Coupling Value/Directivity, dB	5	7	10	15	20
Frog Part Code	FR- CP0825- 05-2X-IX	FR- CP0825- 07-2X-IX	FR- CP0825- 10-2X-IX	FR- CP0825- 15-2X-IX	FR- CP0825- 20-2X-IX
Coupling Loss, dB	5 dB ± 0.1 dB	7 dB ± 0.1 dB	10 dB ± 0.1 dB	15 dB ± 0.1 dB	20 dB ± 0.1 dB
Insertion Loss, dB	≤1.7	≤1.5	≤0.8	≤0.4	≤0.3
Retrun Loss	>20dB				
VSWR	≤ 1.3				
Impedance, Ω	50				
Max Power, Watts	100 (per port)				
Mechanical Specification					
Input Ports	One				
Output Ports	Two				
Connectors	N(F)				
Dimension, mm (H X W X D) (subject to change)	158 x 62 x 20				
Weight, Kgs (subject to change)	0.335				
Material	Housing: Aluminum Inner Conductor: Brass				
Operating Temperature, °C	-30 to +70				