

Directional Coupler 100 W

DESCRIPTION

- 100 W Directional Coupler with broadband characteristics covering the cellular service bands.
- Excellent high power performance.
- Very low VSWR and insertion loss over the entire frequency range.

SPECIFICATIONS

Electrical			
Model	PRO-DIR 0.8-2.5G- 10 dB-100 W	PRO-DIR 0.8-2.5G- 20 dB-100 W	PRO-DIR 0.8-2.5G- 30 dB-100 W
Frequency	800 - 2500 MHz		
Coupling	10 dB	20 dB	30 dB
Impedance	50 Ω		
Nominal Divider Loss	0.1 dB	0.01 dB	0.001 dB
Total Loss	< 0.6 dB	< 0.3 dB	< 0.3 dB
Maximum Input Power	100 W		
Input VSWR	< 1.2:1		

Mechanical	
Connection(s)	N(f)
Dimensions	170 x 45 x 19 mm / 6.69 x 1.77 x 0.75"
Weight	0.211 kg / 0.47 lb

Environmental	
Operating Temperature Range	-30 °C to +60 °C
Ingress Protection	IP64

ORDERING

Type	Product No.	Description
PRO-DIR 0.8-2.5G-10 dB-100W-N(f)	200001720	COUPLING: 10 dB
PRO-DIR 0.8-2.5G-20 dB-100W-N(f)	200001760	COUPLING: 20 dB
PRO-DIR 0.8-2.5G-30 dB-100W-N(f)	200001667	COUPLING: 30 dB



DIAGRAM

TYPICAL RESPONSE CURVE 10 dB

