

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.



ORDERING

Model	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

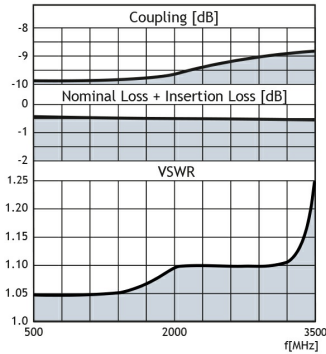
SPECIFICATIONS

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	0.8 - 2.5 GHz		
Max. Input Power	100 W		
Coupling	10 dB ±1 dB	20 dB ±1 dB	30 dB ±1 dB
Impedance	50 Ω		
Input VSWR	< 1.2:1		
Nominal Divider Loss	0.1 dB	0.01 dB	0.001 dB
Total Loss	< 0.6 dB	< 0.3 dB	< 0.3 dB

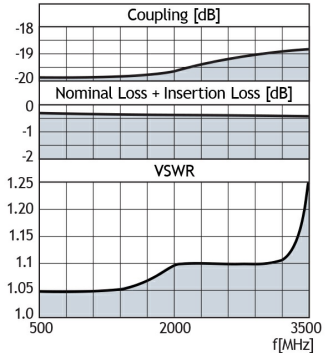
Mechanical	
Connection(s)	N(f)
Dimensions	170 x 45 x 19 mm / 6.69 x 1.77 x 0.75 in.
Weight	Approx. 0.211 kg / 0.47 lb

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

Typical response curve 10 dB



Typical response curve 20 dB



Typical response curve 30 dB

