

Directional Coupler 100 W

DESCRIPTION

- > 100 W Directional Coupler with 3 dB, 6 dB or 10 dB coupling covering the 300 - 1000 MHz band.
- > Excellent high power performance.
- > Very low insertion loss over the entire frequency range.

SPECIFICATIONS

Electrical			
Model	PRO-DIR 300-1000-3 dB-N(f)	PRO-DIR 300-1000-6 dB-N(f)	PRO-DIR 300-1000-10 dB-N(f)
Frequency	300 - 1000 MHz		
Max. Input Power	100 W		
Coupling	3 dB	6 dB	10 dB
Impedance	50 Ω		
Input VSWR	< 1.5:1		
Nominal Divider Loss	3 dB	1.25 dB	0.45 dB
Total Loss	< 4.0 dB	< 2.0 dB	< 1.0 dB
Isolation	>23 dB	>26 dB	>30 dB

Mechanical	
Connection(s)	N(f)
Dimensions	200 x 75 x 23 mm / 7.87 x 2.95 x 0.91"
Weight	0.45 kg / 0.99 lb
Mounting	5.3mm dia (four holes)

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

ORDERING

Model	Product No.	Description
PRO-DIR 300-1000-3 dB-N(f)	210001602	COUPLING: 3 dB
PRO-DIR 300-1000-6 dB-N(f)	210001535	COUPLING: 6 dB
PRO-DIR 300-1000-10 dB-N(f)	210001601	COUPLING: 10 dB



DIAGRAM

MOUNTING DETAILS

