

Directional Coupler 100 W

DESCRIPTION

- 100 W Directional Coupler with 10 dB, 20 dB or 30 dB coupling covering 380 - 520 MHz.
- Excellent high power performance.
- Very low VSWR and insertion loss over the entire frequency range.
- The directional coupler is delivered with standard 3 W load.



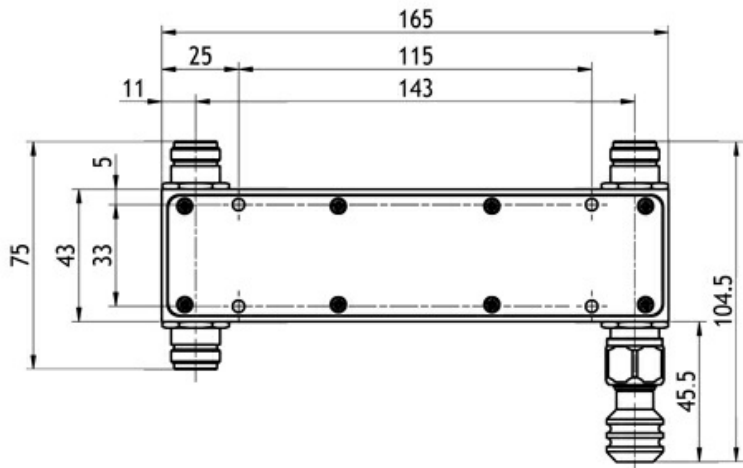
SPECIFICATIONS

Electrical			
Model	PRO-DIR TETRA-...		
Frequency	380 - 520 MHz		
Max. Input Power	100 W		
Coupling	10 dB ± 1 dB	20 dB ± 1 dB	30 dB ± 1 dB
Impedance	50 Ω		
Nominal Divider Loss	0.5 dB	0.04 dB	0.004 dB
Total Loss	< 0.8 dB	< 0.3 dB	< 0.2 dB
Isolation	> 30 dB	> 40 dB	> 50 dB
VSWR	< 1.25:1 (all ports)		
Mechanical			
Compliance	RoHS, IP64		
Connection(s)	N(f)		
Dimensions	165 x 75 x 23 mm / 6.50 x 3.00 x 0.91 in.		
Weight	Approx. 0.375 kg / 0.83 lb.		
Environmental			
Operating Temperature Range	-30°C to +60°C		

ORDERING

Model	Product No.
PRO-DIR TETRA-10 dB	210001025
PRO-DIR TETRA-20 dB	210001026
PRO-DIR TETRA-30 dB	210001027

MOUNTING DETAILS



TYPICAL RESPONSE CURVES

