

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 SWR and insertion loss over the entire frequency range.
- The directional coupler is delivered with standard 3W load.



ORDERING

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

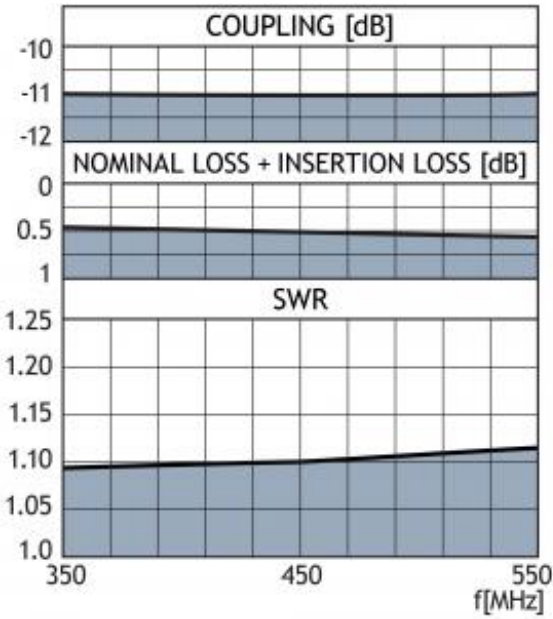
SPECIFICATIONS

Electrical				
Model	PRO-DIR TETRA-...	PRO-DIR TETRA-10 dB	PRO-DIR TETRA-20 dB	PRO-DIR TETRA-30 dB
Frequency	380 - 520 MHz			
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			
Maximum Input Power	100 W			
Mechanical				
Compliance		RoHS, IP64		
Connection(s)		N(f)		
Dimensions		165 x 75 x 23 mm		
Weight		0.375 kg / 0.83 lb		
Environmental				
Operating Temperature Range			-30°C to +60°C	

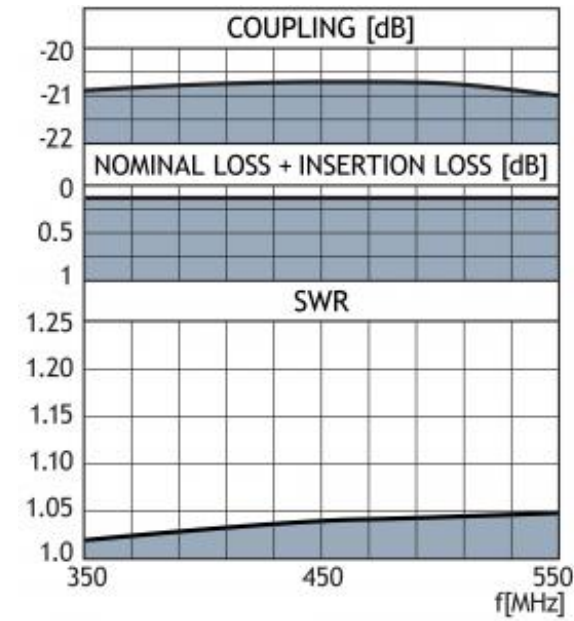
ADDITIONAL DATA

TYPICAL RESPONSE CURVE

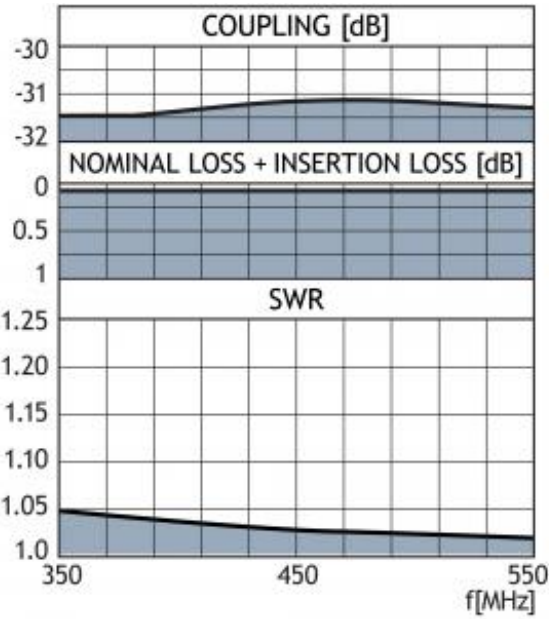
10 DB



20 DB



30 DB



MOUNTING DETAILS

