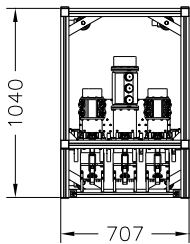
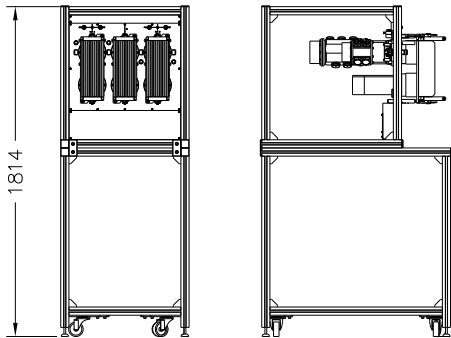
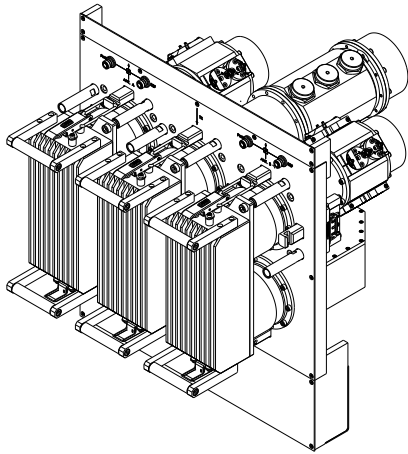


6-Port RL-120 Antenna Split Panel

AP6I120



FEATURES

- Compact Splitter Design
- 1:1, 1:2 and 1:4 Split Ratio
- Phase Compensated Design (1:2 and 1:4)
- Integrated Dir. Coupler (4 Probes per Half-Antenna)
- Floating Interlock Contacts
- Modular Connector System
- "SMR8" System Monitor Ready
- 10-Year Warranty

SPECIFICATIONS

Code / Revision	UHF	C-AP6I120/nC	/ B
	VHF B.III	C-AP6I120/nB	/ B
	FM	C-AP6I120/nF	/ B
	n: Split Ratio		
Frequency Range	UHF	470-862 MHz	
	VHF B.III	174-240 MHz	
	FM	87.5-108 MHz	
Max RMS Input Power ⁽³⁾	UHF	48.0 kW	(700 MHz)
	VHF B.III	83.0 kW	(230 MHz)
	FM	121.0 kW	(108 MHz)
Amplitude Response	1:1	(1/2-1/2)	-3.1 / -3.1 dB
	1:2	(1/3-2/3)	-4.8 / -1.8 dB
	1:4	(1/5-4/5)	-7.1 / -1.0 dB
Amplitude / Phase Deviation	1:1	±0.2 dB / ±2°	
	1:2	±0.2 dB / ±2°	
	1:4	±0.2 dB / ±2°	
Return Loss (VSWR)	> 30 dB (1.07)		
Max Operating Temperature (Body)	65 °C (149 °F)		
Environmental Conditions	-5 to +55 °C (+23 to +131 °F), IP60		
Dimensions / Weight ⁽¹⁾	707x1040x1814 mm / 120 kg		
Directional Probes	8 (4x Half Antenna)		
Connectors ⁽⁸⁾	1x150 mm Input D-PC150S RL-120 <i>FastLine</i> Socket (Default) D-PC150T RL-120 <i>FastLine</i> Plug D-PC150X RL-120 <i>FastLine</i> Flange D-PC150U 6+1/8" <i>FastLine</i> Socket D-PC150V 6+1/8" <i>FastLine</i> Flange 2x 130 mm Outputs D-PC130P 4+1/2" <i>FastLine</i> Socket (Default) D-PC130Q 4+1/2" <i>FastLine</i> Flange D-PC130S RL-120 <i>FastLine</i> Socket D-PC130X RL-120 <i>FastLine</i> Flange		
Interlock Contacts	13, Normally Closed		
Contact Ratings	200 V / 2 A		
⁽¹⁾ Approximate, default configuration ⁽³⁾ Altitude < 1500 m (4,900 ft.), Free air, Ambient temp. <30 ° C (86 °F) ⁽⁸⁾ Other Connections available			

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