

# 8-Port 3+1/8" Antenna Split Panel

AP8177

**FEATURES**

- 8-Port
- UHF, VHF B.III and FM Splitters
- 1:1, 1:2 and 1:4 Split Ratios
- Compact Splitter Design
- Phase Compensated Design (1:2 and 1:4)
- Integrated Directional Couplers
- Floating Interlock Contacts
- Interchangeable Connector System
- Integrable with SMR8 System Monitor

**SPECIFICATIONS**

Code / Revision	UHF:	C-AP8177/nC	/ B
	VHF B.III:	C-AP8177/nB	/ B
	FM:	C-AP8177/nF	/ B
<i>n: Split Ratio</i>			
Frequency Range	UHF:	470-862 MHz	
	VHF B.III:	174-240 MHz	
	FM:	87.5-108 MHz	
Max RMS Input Power	UHF:	25.00 kW	
	VHF B.III:	44.00 kW	
	FM:	65.00 kW	
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 <sup>(1)</sup>	-		
Directional Probes	8 (4x Half Antenna)		
Connectors <sup>(2)</sup>	<b>5x 100 mm</b>	<b>Input (1x); Outputs (4x)</b>	
	D-PC100M	3+1/8" FastLine Socket (Default)	
	D-PC100N	3+1/8" FastLine Flange	
	D-PC100O	3+1/8" FastLine Plug	
Interlock Contacts	13, Normally Closed		
Contact Ratings	200 V / 2 A		

<sup>(1)</sup> Default configuration <sup>(2)</sup> Other Connectors available

