

# Pentaplexer (698-3800MHz)



Tone Spread  
Solutions for Wireless Signal

Telecommunication Technology & Engineering Accessories

Rev.V1.0

## Pentaplexer (698-960/1710-1880/1920-2170/2500-2690/3500-3800MHz)

### Specifications

PRODUCT CODE	Single Unit: CB5-0709.1718.1922.2527.3538-4F155S Twin Unit: CB5-0709.1718.1922.2527.3538-4F155T				
Electrical Specifications					
Frequency (MHz)	698-960	1710-1880	1920-2170	2500-2690	3500-3800
Insertion Loss (dB)	≤ 0.3	≤ 0.3	≤ 0.3	≤ 0.4	≤ 0.4
Isolation (dB)	≥ 50 dB				
Intermodulation	≤ -155 dBc @ 2 x 43 dBm				
VSWR	≤ 1.3				
Impedance	50 Ω				
Power Capacity	≤ 300 W / port				
DC Bypass/Current	Support (≤ 3 A), Customizable for any port				
Environment Specifications					
Lighting Protection	3kA; 10/350 μs pulse				
Safety	EN 60 950				
Environment	ETS 300 019				
Operating Temperature	-35 °C to +65 °C				
Storage Temperature	-40 °C to +85 °C				
Relative humidity	0-95%				
Application	IP67 (Indoor or Outdoor)				
Mechanical Specifications					
Dimensions	Single: 245 x 170 x 50 mm Twin: 245 x 170 x 108 mm				
Weight	Single: ≤ 3.5 Kg, Twin: ≤ 7.1 Kg				
RF Connector	4.3-10 female				
Mounting Type	Wall or Pole				
Installation Brackets	IK-CBAL200, 1 pair (Inclusive)				

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## Outline Drawing

