

TECHNICAL SPECIFICATION

Dual-band Combiner(1710-2690MHz)

Model: ZR-DP200-DIN-153

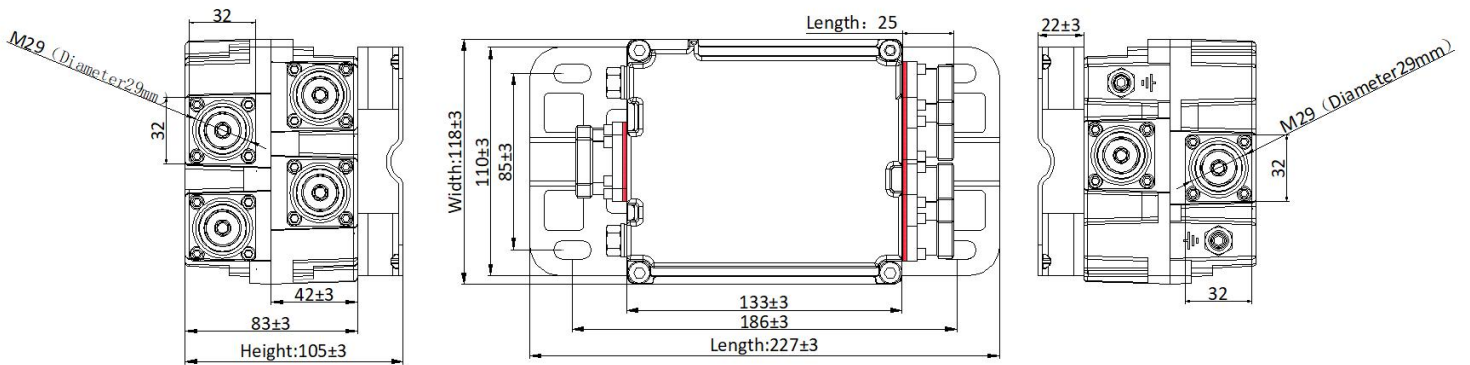
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Version	Date	Prepared	Reviewed	Approved

Dual combiner 1710-1880,1920-2690

- ◆ Frequency covers 1710-1880,1920-2690MHz
- ◆ Low PIM
- ◆ Pole or wall mounting
- ◆ Suitable for indoor and outdoor applications

Mechanical Specifications		
RF Connector Interface		7/16 DIN female
Mount Type		Pole & Wall
Mounting Pipe Hardware		Band clamps
RF Connector Interface Body Style		Long neck
Mounting Pipe Diameter (mm)		40-135
Number of Input Ports		4
Number of Output Ports		2
Electrical Specification		
Pass Band (MHz)	Port 1	1710 – 1880
	Port 2	1920 – 2690
Insertion Loss (dB)	Maximum Port 1 ↔ Port 3	≤ 0.4
	Maximum Port 2 ↔ Port 3	≤ 0.5
VSWR		≤ 1.3
Isolation between Port 1 ↔ Port 2		≥ 50
Impedance type(Ω)		50
Maximum Input Power per port(W)		≥ 250
Passive Intermodulation		≤ -153 dBc (3rd order; with 2 x 20 W)
Lightning Protection		Comply IEC 61000-4-5 level 4
Environmental Specifications		
Operating Temperature		-30 ~ 60 °C
Ingress Protection Test		Method IEC 60529:2013, IP66
Dimension		
Height (mm)		≤ 300
Width (mm)		≤ 200
Depth (mm)		≤ 200
Weight (kg)		≤ 10 (Double Unit)

Outline



[The explanation of the drawing size is as bellow:]

<Leftmost connector section>

- Diameter of connector : M29
- Height of a single chamber: 42±3
- The width of two connectors stacked together (without bracket):83±3
- The width of the entire product including the bracket: 105±3

<Part of the intermediate cavity>

- Waterproof pad for connectors: 25
- Length of cavity: 133 ± 3
- Centre-to-centre distance between mounting holes of supports on both sides: 186 ± 3
- Length with bracket: 227 ± 3
- Centre-to-centre distance of single support mounting hole: 85 ± 3
- Bracket width: 110 ± 3
- Cavity width: 118 ± 3

<Rightmost connector section>

- Bracket height: 22 ± 3