

Hybrid Combiner 4-38 2x2

Hybrid Combiner with 2 in and 2 out 380 – 3800 MHz

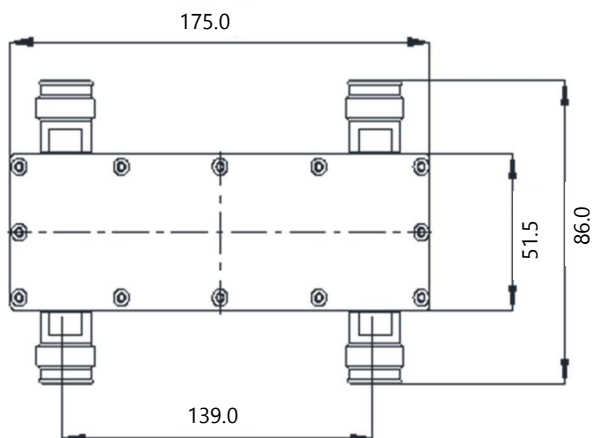
MIC360°
IN-BUILDING COMPONENTS by MIC



- Robust and high-performance 2x2 hybrid combiner
- Low insertion loss
- Wide frequency range
- Low PIM (<-160dBc)

Electrical Specification		
Product Number		458 001 722
Frequency Band	MHz	380-3800
Coupling Value	dB	3.1 ± 0.9
Isolation	dB	≥25 @ 380-2700 MHz ≥22 @ 2701-3800 MHz
VSWR		≤1.25 @ 380-2700 MHz ≤1.3 @ 2701-3800 MHz
PIM (IM3)	dBc	≤-160 @ 2 x 43 dBm
Power Handling	W	300 / port
Impedance	Ω	50
Environmental Specification		
Operating Temperature	°C	-25 ~ +65
Ingress Protection		IP65
Mechanical Specification		
Connectors		4.3-10/F
Size	mm	175 x 51.5 x 43 (excluding connectors and brackets)
Weight	kg	1

MIC Nordic reserves the right to change this product specification at any time without notice.
All RF specifications are in accordance with the RED Directive 2014/53/EU, 1.6.3.4



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Hybrid Combiner 4-38 3x3

Hybrid Combiner with 3 in and 3 out 380 – 3800 MHz

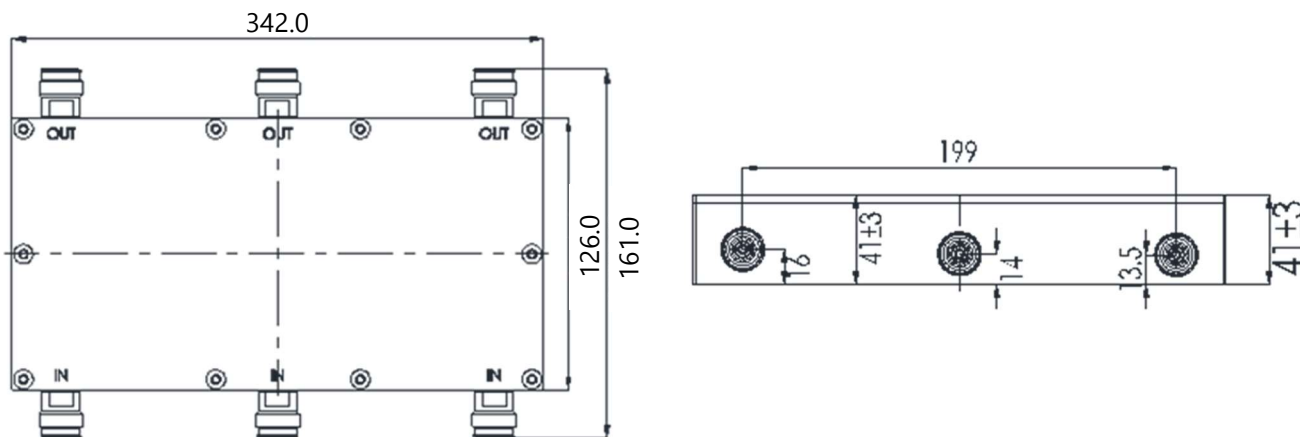
MIC360°
IN-BUILDING COMPONENTS by MIC



- Robust and high-performance 3x3 hybrid combiner
- Low insertion loss
- Wide frequency range
- Low PIM (<-160dBc)

Electrical Specification		
Product Number		458 001 733
Frequency Band	MHz	380-3800
Coupling Value	dB	5.0 ± 1,5
Isolation	dB	≥25 @ 380-2700 MHz ≥22 @ 2701-3800 MHz
VSWR		≤1.3
PIM (IM3)	dBc	≤-160 @ 2 x 43 dBm
Power Handling	W	200 / port
Impedance	Ω	50
Environmental Specification		
Operating Temperature	°C	-35 ~ +75
Ingress Protection		IP65
Mechanical Specification		
Connectors		4.3-10/F
Size	mm	342 x 126 x 46,5 (excluding connectors and brackets)
Weight	kg	3.7

MIC Nordic reserves the right to change this product specification at any time without notice.
All RF specifications are in accordance with the RED Directive 2014/53/EU, 1.6.3.4



Hybrid Combiner 4-38 4x4

Hybrid Combiner with 4 in and 4 out 380 – 3800 MHz

MIC360°
IN-BUILDING COMPONENTS by MIC



- Robust and high-performance 4x4 hybrid combiner
- Low insertion loss
- Wide frequency range
- Low PIM (<-160dBc)

Electrical Specification		
Product Number		458 001 744
Frequency Band	MHz	380-3800
Coupling Value	dB	6.0 ± 2
Isolation	dB	≥25 @ 380-2700 MHz ≥22 @ 2701-3800 MHz
VSWR		≤1.3
PIM (IM3)	dBc	≤-160 @ 2 x 43 dBm
Power Handling	W	200 / port
Impedance	Ω	50
Environmental Specification		
Operating Temperature	°C	-35 ~ +75
Ingress Protection		IP65
Mechanical Specification		
Connectors		4.3-10/F
Size	mm	253 x 101 x 68
Weight	kg	3.45

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