



ET-4-16+

4-way tap

4-way tap, 16 dB

Art.No. 10430045

Standard article

This article is available from stock, barring to unforeseen circumstances



ET-4-16+



ModemSafe® integrated

	Port	Range	Min.	Typical	Max. Unit	Rem.	Margin
Frequency Range			5		862 MHz		
Connectors	In/Out/Tap				F-female		
Equipment Approval					CE		
Insertion Loss	In -> Out	5 MHz < F < 40 MHz	1,9	2,6	3,3 dB		
		40 MHz < F < 470 MHz	1,4	2,0	2,6 dB		
		470 MHz < F < 862 MHz	1,7	2,3	2,9 dB		
		862 MHz < F < 1000 MHz	1,8	2,6	3,4 dB		
Tap Loss	In -> Tap 1	5 MHz < F < 1000 MHz	15,0	16,0	17,0 dB		
	In -> Tap 2	5 MHz < F < 1000 MHz	15,5	16,5	17,5 dB		
	In -> Tap 3	5 MHz < F < 1000 MHz	16,5	17,5	18,5 dB		
	In -> Tap 4	5 MHz < F < 1000 MHz	16,5	17,5	18,5 dB		
Return Loss	In/Out/Tap	5 MHz < F < 10 MHz	20		dB		
		10 MHz < F < 862 MHz	22		dB	1	
		862 MHz < F < 1000 MHz	14		dB		
Isolation	Tap -> Tap	5 MHz < F < 10 MHz	36		dB		
		10 MHz < F < 862 MHz	40		dB	1	
		862 MHz < F < 1000 MHz	30		dB		
	Out -> Tap 1	5 MHz < F < 10 MHz	27		dB		
		10 MHz < F < 862 MHz	35		dB	1	
		862 MHz < F < 1000 MHz	28		dB		
	Out -> Tap 2	5 MHz < F < 10 MHz	27,5		dB		
		10 MHz < F < 862 MHz	35,5		dB	1	
		862 MHz < F < 1000 MHz	28,5		dB		
	Out -> Tap 3	5 MHz < F < 10 MHz	28,5		dB		
		10 MHz < F < 862 MHz	36,5		dB	1	
		862 MHz < F < 1000 MHz	29,5		dB		
Out -> Tap 4	5 MHz < F < 10 MHz	28,5		dB			
	10 MHz < F < 862 MHz	36,5		dB	1		
	862 MHz < F < 1000 MHz	29,5		dB			
Screening Effectiveness	-	5 MHz < F < 300 MHz	85	95	dB	2	
		300 MHz < F < 470 MHz	80	90	dB	2	
		470 MHz < F < 862 MHz	75	85	dB	2	
Intermodulation p+q (min)	All ports DC blocked				-115 dB	3	

Remarks:

- F > 40 MHz -1.5 dB/oct
- Transfer impedance method according IEC 60728-2 (5-30 MHz)
Absorption clamp method according IEC-60728-2 § 4.4 (30-1000 MHz)
- Two carriers (50 & 55MHz), out/ tap to in, @ 120dBµV, after 10 pulses (25V/1,2µS risetime/500µS duration) at all ports.

note: Specifications are measured at room temperature

PRELIMINARY SPECIFICATIONS. CHECK OUR SALES SUPPORT DEPARTMENT FOR POSSIBLE CHANGES

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