



TTB-13++

Multitap

13-way multi tap; terminated

Art.No. 10100050

Standard article

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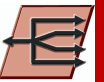


TTB-13++ front

	Port	Range	Min.	Typical	Max. Unit	Rem.	Margin
Frequency Range			5		1000 MHz		
Equipment Approval			CE				
Tap Loss	In -> Tap 1	5 MHz < F < 862 MHz	11,0	12,0	13,0 dB		
		862 MHz < F < 1000 MHz	10,5	12,0	13,5 dB		
	In -> Tap 2	5 MHz < F < 862 MHz	11,5	12,5	13,5 dB		
		862 MHz < F < 1000 MHz	11,0	12,5	14,0 dB		
	In -> Tap 3	5 MHz < F < 862 MHz	12,5	13,5	14,5 dB		
		862 MHz < F < 1000 MHz	12,0	13,5	15,0 dB		
	In -> Tap 4	5 MHz < F < 862 MHz	13,0	14,0	15,0 dB		
		862 MHz < F < 1000 MHz	12,5	14,0	15,5 dB		
	In -> Tap 5	5 MHz < F < 862 MHz	13,5	14,5	15,5 dB		
		862 MHz < F < 1000 MHz	13,0	14,5	16,0 dB		
	In -> Tap 6	5 MHz < F < 862 MHz	14,5	15,5	16,5 dB		
		862 MHz < F < 1000 MHz	14,0	15,5	17,0 dB		
	In -> Tap 7	5 MHz < F < 862 MHz	15,0	16,0	17,0 dB		
862 MHz < F < 1000 MHz		14,5	16,0	17,5 dB			
In -> Tap 8	5 MHz < F < 862 MHz	16,0	17,0	18,0 dB			
	862 MHz < F < 1000 MHz	15,5	17,0	18,5 dB			
In -> Tap 9	5 MHz < F < 862 MHz	16,5	17,5	18,5 dB			
	862 MHz < F < 1000 MHz	16,0	17,5	19,0 dB			
In -> Tap 10	5 MHz < F < 10 MHz	16,8	18,0	19,2 dB			
	10 MHz < F < 862 MHz	17,0	18,0	19,0 dB			
	862 MHz < F < 1000 MHz	16,4	18,0	19,6 dB			
In -> Tap 11	5 MHz < F < 10 MHz	17,2	18,5	19,8 dB			
	10 MHz < F < 862 MHz	17,5	18,5	19,5 dB			
	862 MHz < F < 1000 MHz	16,8	18,5	20,2 dB			
In -> Tap 12	5 MHz < F < 10 MHz	17,5	19,0	20,5 dB			
	10 MHz < F < 862 MHz	18,0	19,0	20,0 dB			
	862 MHz < F < 1000 MHz	17,2	19,0	20,8 dB			
In -> Tap 13	5 MHz < F < 10 MHz	17,5	19,0	20,5 dB			
	10 MHz < F < 862 MHz	18,0	19,0	20,0 dB			
	862 MHz < F < 1000 MHz	17,2	19,0	20,8 dB			
Return Loss	In	5 MHz < F < 10 MHz	18		dB		
		10 MHz < F < 40 MHz	22		dB		
		40 MHz < F < 862 MHz	22		dB	1	
	Tap	862 MHz < F < 1000 MHz	14		dB		
		5 MHz < F < 10 MHz	18		dB		
		10 MHz < F < 40 MHz	22		dB	1	
		40 MHz < F < 862 MHz	22		dB		
		862 MHz < F < 1000 MHz	14		dB		
Isolation	Tap -> Tap	5 MHz < F < 10 MHz	36		dB		
		10 MHz < F < 40 MHz	40		dB		
		40 MHz < F < 862 MHz	40		dB	1	
		862 MHz < F < 1000 MHz	30		dB		
Screening Effectiveness	-	5 MHz < F < 300 MHz	85	95	dB	2	
		300 MHz < F < 470 MHz	80	90	dB	2	
		470 MHz < F < 1000 MHz	75	85	dB	2	

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Brilliant-Line ++

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13-way multi tap; terminated

	Port	Range	Min.	Typical	Max. Unit	Rem.	Margin
Intermodulation p+q (min)	-	No surge		122	dB	5	
		25 V surge		115	dB	4	
		1 KV surge		110	dB	3	

Remarks:

- 1 F > 40 MHz -1.5 dB/oct
- 2 Transfer impedance method according IEC 60728-2 (5-30 MHz)
Absorption clamp method according IEC-60728-2 § 4.4 (30-1000 MHz)
- 3 Two carriers (50 & 55MHz), tap to in, @ 120dB μ V, after 1 pulse 1KV (IEC 1000-4-5 level 2) at all ports.
- 4 Two carriers (50 & 55MHz), tap to in, @ 120dB μ V, after 10 pulses (25V/1.2 μ S risetime/500 μ S duration) at all ports.
- 5 Two carriers (50 & 55MHz), tap to in, @ 120dB μ V, before surge

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