



Art.No. 10460665

Standard article

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Wall Outlets: TWO Series

TWO-310/L

Wall-outlet

Multi Media Outlet; 3-port; RTV +Radio + Data

Successor to TRWO-108/2



TWO-310/L

	Port	Range	Min.	Typical	Max. Unit	Rem.	Margin
Frequency Range	TV		47-76 / 130-862		MHz		
	Data		5-862		MHz		
	R		87,5-108		MHz		
	In	-	5-76 / 87,5-108 / 130-862		MHz		
Connectors	In		Terminal Block				
	R		IEC-female				
	Data		F-female				
	TV		IEC-male				
Equipment Approval			CE				
Insertion Loss	In -> TV	5 MHz < F < 25 MHz	25		dB		
		47 MHz < F < 76 MHz	0,5	1,2	1,9 dB		
		130 MHz < F < 862 MHz	0,7	1,2	2,2 dB		
	In -> R	87,5 MHz < F < 108 MHz	1,0	2,0	3,0 dB		
	In -> Data	5 MHz < F < 10 MHz	9,5	10,5	11,5 dB		
		10 MHz < F < 862 MHz	9,0	10,0	11,0 dB		
Return Loss	In	5 MHz < F < 76 MHz	10		dB		
		87,5 MHz < F < 108 MHz	10		dB		
		130 MHz < F < 862 MHz	10		dB		
	R	87,5 MHz < F < 108 MHz	10		dB		
	Data	5 MHz < F < 10 MHz	18		dB		
		10 MHz < F < 862 MHz	20		dB	1	
	TV	47 MHz < F < 76 MHz	10		dB		
		130 MHz < F < 862 MHz	10		dB		
Isolation	TV -> R	5 MHz < F < 76 MHz	20		dB		
		87,5 MHz < F < 108 MHz	16		dB		
		130 MHz < F < 862 MHz	20		dB		
	Data -> TV	5 MHz < F < 25 MHz	50		dB		
		25 MHz < F < 470 MHz	25		dB	1	
		470 MHz < F < 862 MHz	23		dB		
	Data -> R	5 MHz < F < 862 MHz	25		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	
Galvanic Isolation 2120 V DC	Center Conductor -> Center Conductor			2120	V DC	5	
Surge Protection	1 kV 1,2/50 µS				35 Vpk	3	
Intermodulation p+q (min)				-110	dB	4	

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 Surge pulse at the input according IEC-1000-4-5 level 2
- 4 Two carriers at 120dBµV, Out to In, after 10 pulses (25V/1,2µS rise time/500µS duration) at all ports
- 5 IEC-60728-11§10 Safety Requirement: 1000 VDC T= 1 minute, I = 0,7 mA, 230 VAC I= 8,0 mA RMS

note: Specifications are measured at room temperature

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**ALL SPECIFICATIONS ARE SUBJECT TO
MODIFICATION WITHOUT NOTICE**

For more information, call your local distributor
(addresses at www.tratec.net) or send an e-mail to: sales@tratec.nl