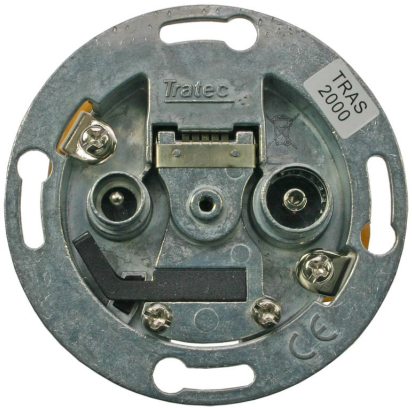
TRAS-2000

Features:

- To be made



Description

To be made

Specifications V1 okt 29, 2007

	Port	Range	Min	Typical	Max	Units	Remark	Margin
Frequency Range	In			5-70 / 87.5-108 / 120-1000		MHz		
	R			87.5-108		MHz		
	TV/Data			5-70/120-1000		MHz		
Connectors	In			Terminal Block				
	R			IEC female				
	TV/Data			IEC Male			5	
Impedance				75		Ohm		
Equipment Approval				CE				

Ordering Information

TRAS-2000	Article number:	10531018

Specifications V1 okt 29, 2007

	Port	Range	Min	Typical	Max	Units	Remark	Margin
Insertion Loss	In -> TV/Data	5 MHz < F < 70 MHz	0.1	0.4	0.7	dB		
		120 MHz < F < 130 MHz	0.2	0.5	0.8	dB		
		130 MHz < F < 862 MHz	0.1	0.4	0.7	dB		
		862 MHz < F < 1000 MHz	0.3	0.6	1.1	dB		
	In -> R	87.5 MHz < F < 108 MHz	0.7	1.2	1.7	dB		
Return Loss	In	5 MHz < F < 70 MHz	18			dB		
		87.5 MHz < F < 108 MHz	14			dB		
		120 MHz < F < 1000 MHz	18			dB	1	
	TV/Data	5 MHz < F < 70 MHz	18			dB		
		120 MHz < F < 1000 MHz	18			dB	1	
	R	87.5 MHz < F < 108 MHz	14			dB		
Screening Effectiveness	-	5 MHz < F < 300 MHz	85	95		dB	2	
Galvanic Isolation 230 V AC		300 MHz < F < 470 MHz	80	90		dB	2	
Galvanic Isolation 2120 V DC		470 MHz < F < 862 MHz	75	85		dB	2	
Surge Protection	Inner conductor Input -> Inner conductor Output				8.0	mA RMS	3	
Intermodulation 2p 2q (min)					0.7	mA	3	
Isolation		1 KV 1.2/50 µS at input			35 V	Vpk	4	
				-120		dB	5	
	R -> TV/Data	5 MHz < F < 60 MHz	30			dB		
		60 MHz < F < 70 MHz	24			dB		
		87.5 MHz < F < 108 MHz	15			dB		
		120 MHz < F < 130 MHz	15			dB		
		130 MHz < F < 1000 MHz	22			dB		

Remarks	
1	F > 40 MHz -1.5 dB/oct
2	Transfer impedance method according IEC 60728-2 (5-30 MHz) Absorbtion clamp method according IEC-60728-2 § 4.4 (30-862 MHz)
3	IEC-60728-1 § 9 Safety Requirement: 2120 VDC T≥ 1 minute, I ≤ 0,7 mA, 230 VAC I≤ 8,0 mA RMS
4	Surge pulse at the input according IEC-1000-4-5 level 2
5	Out to in, two carriers @ 120dBµV, after 10 pulses (25V/1,2µS rise time/500µS duration) at all ports
6	IEC 169-20

note:	Specifications are measured at room temperature