

2-port and 3-port push on adapters up to 2 GHz with selective radio-port



24100005
POA-1-IEC-NL



24100105
POA-3-IEC-NL



- Intermodulation resistant according to EN 60728-4
- High screening according to Class A +10 dB
- Suitable for mounting onto antenna outlets with IEC-male at TV-port
- Surface coated with CuSn white bronze plating, thereby corrosion resistant

- Supplied with a protection plastic cap
- TV and DATA-ports with FM filter, therefore transmission range 5 – 65 & 120 – 2.000 MHz (no FM, S 2 and S 3)

Parameter	Frequency [MHz]	POA-1-IEC-NL	POA-3-IEC-NL	
Through loss [dB]	5 – 65	0,7 ± 0,5	4,6 ± 0,5	
	65 – 120	> 20 typ.	> 20 typ.	
	120 – 1.218	0,7 ± 0,5	4,6 ± 0,5	
	1.218 – 1.700	1,3 ± 0,5	6,2 ± 0,5	
	1.700 – 2.000	1,7 ± 0,5	7,2 ± 0,5	
IN – FM	87,5 – 108	2,0 ± 0,5	2,0 ± 0,5	
Isolation [dB]	5 – 65	≥ 25	≥ 32	
	65 – 120	–	–	
	120 – 470	≥ 20	≥ 20	
	470 – 1.218	≥ 25	≥ 25	
	1.218 – 1.700	≥ 22	≥ 25	
	1.700 – 2.000	≥ 20	≥ 25	
	(TV – DATA)	5 – 15	–	≥ 20
Return loss [dB]	15 – 65	–	≥ 30	
	65 – 120	–	–	
	120 – 1.218	–	≥ 20	
	1.218 – 1.700	–	≥ 16	
	1.700 – 2.000	–	≥ 14	
	IN	5 – 12	≥ 14	≥ 18
		12 – 65	≥ 16	≥ 18
87,5 – 108		≥ 16	≥ 15	
108 – 1.006		≥ 16	≥ 18*	
1.006 – 2.000		14 typ.	≥ 18*	
TV (DATA)	5 – 12	≥ 14	≥ 18	
	12 – 65	≥ 16	≥ 18	
	120 – 1.006	≥ 16	≥ 18*	
	1.006 – 2.000	14 typ	≥ 18*	
FM	87,5 – 108	15 typ	15 typ	
Intermodulation ⁽¹⁾ (dBμV min)		115	115	
Amount ports		2	3	
TV-port		5 – 65 MHz 120 – 2.000 MHz (IEC-male)	5 – 65 MHz 120 – 2.000 MHz (IEC-male)	
Radio-port (selective)		87 – 108 MHz (IEC-female)	87 – 108 MHz (IEC-female)	
DATA-port		–	5 – 65 MHz 120 – 2.000 MHz (F-female)	
Order No.		24100005	24100105	

⁽¹⁾ With test signals P = 60 MHz, Q = 65 MHz applied at DATA, TV OUT respectively, intermodulation distortion level is ≤15 dBuV at 2 P = 120 MHz, at P + Q = 125 MHz, at 2 Q = 130 MHz

* f > 40 MHz -1,5 dB/Oct, min. > 12 dB