

Broadband push on adapters

2-port and 3-port broadband push on adapters up to 2 GHz



- All connections with broadband ports 5 – 2.000 MHz
- Intermodulation resistant according to EN 60728-4
- High screening according to Class A +10 dB
- Suitable for mounting onto the TV-port of antenna outlets
- Surface coated with CuSn white bronze plating, thereby corrosion resistant
- Supplied with a protection plastic cap
- Versions with 2-port and 3-port as well as with IEC- and F-connections available
- POA-01-B: RF performance acc. to Kabelkeur PVE 5.0 Keurmerk

Parameter	Frequency [MHz]	POA-01-A	POA-01-B	POA-02-UPC	POA-03-UPC	POA-04-UPC
Through loss [dB]	5 – 12	4,0 ± 0,3	3,7 ± 0,3	4,0 ± 0,3	6,0 ± 0,5	6,0 ± 0,5
	12 – 470	3,8 ± 0,5	3,7 ± 0,3	3,8 ± 0,5	5,7 ± 0,3	5,7 ± 0,3
	470 – 860	4,0 ± 0,4	3,7 ± 0,3	4,0 ± 0,4	6,0 ± 0,5	6,0 ± 0,5
	860 – 1.006	4,0 ± 0,4	4,0 ± 0,4	4,0 ± 0,4	6,0 ± 0,5	6,0 ± 0,5
	1.006 – 1.218	4,6 ± 0,5	4,4 ± 0,5	4,6 ± 0,5	7,4 ± 0,5	7,4 ± 0,5
	1.218 – 1.700	4,6 ± 0,5	4,6 ± 0,5	4,6 ± 0,5	7,4 ± 0,5	7,4 ± 0,5
	1.700 – 2.000	5,2 ± 0,8	5,2 ± 0,8	5,2 ± 0,8	8,5 ± 1,5	8,5 ± 1,5
Isolation [dB]	5 – 15	≥ 25	≥ 20	≥ 25	≥ 25	≥ 25
	15 – 30	≥ 25	≥ 26	≥ 25	≥ 25	≥ 25
	30 – 470	≥ 30	≥ 26 -1,5 dB/Oct	≥ 30	≥ 25	≥ 25
	470 – 1.006	≥ 25	≥ 26 -1,5 dB/Oct	≥ 25	≥ 25	≥ 25
	1.006 – 1.218	≥ 20	≥ 26 -1,5 dB/Oct	≥ 20	≥ 20	≥ 20
	1.218 – 1.700	≥ 20	≥ 20	≥ 20	≥ 20	≥ 20
	1.700 – 2.000	≥ 15	≥ 15	≥ 15	≥ 15	≥ 15
Return loss [dB]	5 – 12	≥ 14	≥ 13	≥ 14	≥ 14	≥ 14
	12 – 40	≥ 16	≥ 20	≥ 16	≥ 16	≥ 16
	40 – 1.006	≥ 16	≥ 20 -1,5 dB/Oct	≥ 16	≥ 16	≥ 16
	1.006 – 1.218	≥ 14	≥ 20 -1,5 dB/Oct	≥ 14	≥ 14	≥ 14
	1.218 – 1.700	≥ 14	≥ 14	≥ 14	≥ 14	≥ 14
	1.700 – 2.000	≥ 12	≥ 12	≥ 12	≥ 12	≥ 12
	1.200 – 1.650	20	20	20	20	20
MoCA reduced isolation ⁽¹⁾ [dB max]	1.200 – 1.650	20	20	20	20	20
Intermodulation resistance [dBμV min] (acc. to IEC/EN 60728-4) ⁽²⁾		> 15	> 10 ⁽³⁾	> 15	> 15	> 15
Number of output ports		2	2	2	3	3
Connector type input		IEC-female	IEC-female	F-quickfix	IEC-female	F-quickfix
Connector type outputs		IEC-male	IEC-male	F-female	IEC-male	F-female
Integrated height adjustment of the protection plastic cap		No	No	Yes	Yes	Yes
Order No.		24100002	24100003	24100050	24100100	24100150

⁽¹⁾ With open input (accordant POE-Filter)

⁽²⁾ With 2 x 120 dBμV test signals f1 = 60 MHz and f2 = 65 MHz at all ports, IM2 = 2 x f1 + f1 + f2 + 2 x f2

⁽³⁾ With 2 x 115 dBμV test signals and after 1 kV pulse acc. to Kabelkeur PVE 5.0 Keurmerk