

# 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
- 4 versions with 2-port and 3-port as well as with IEC- and F-connections available

| Parameter                                      | Frequency [MHz] | POA-01-UPC | POA-02-UPC | POA-03-UPC | POA-04-UPC |
|------------------------------------------------|-----------------|------------|------------|------------|------------|
| Through loss [dB]                              | 5 – 12          | 4,0 ± 0,3  | 4,0 ± 0,3  | 6,0 ± 0,5  | 6,0 ± 0,5  |
|                                                | 12 – 470        | 3,8 ± 0,5  | 3,8 ± 0,5  | 5,7 ± 0,3  | 5,7 ± 0,3  |
|                                                | 470 – 1.006     | 4,0 ± 0,4  | 4,0 ± 0,4  | 6,0 ± 0,5  | 6,0 ± 0,5  |
|                                                | 1.006 – 1.700   | 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  | 8,5 ± 1,5  | 8,5 ± 1,5  |
| Isolation [dB]                                 | 5 – 30          | ≥ 25       | ≥ 25       | ≥ 25       | ≥ 25       |
|                                                | 30 – 470        | ≥ 30       | ≥ 30       | ≥ 25       | ≥ 25       |
|                                                | 470 – 1.006     | ≥ 25       | ≥ 25       | ≥ 25       | ≥ 25       |
|                                                | 1.006 – 1.700   | ≥ 20       | ≥ 20       | ≥ 20       | ≥ 20       |
|                                                | 1.700 – 2.000   | ≥ 15       | ≥ 15       | ≥ 15       | ≥ 15       |
| Return loss [dB]                               | 5 – 12          | ≥ 14       | ≥ 14       | ≥ 14       | ≥ 14       |
|                                                | 12 – 1.006      | ≥ 16       | ≥ 16       | ≥ 16       | ≥ 16       |
|                                                | 1.006 – 1.700   | ≥ 14       | ≥ 14       | ≥ 14       | ≥ 14       |
|                                                | 1.700 – 2.000   | ≥ 12       | ≥ 12       | ≥ 12       | ≥ 12       |
| MoCA reduced isolation <sup>(1)</sup> [dB max] | 1.200 – 1.650   | 20         | 20         | 20         | 20         |
| Intermodulation <sup>(2)</sup> [dBμV min]      |                 | 115        | 115        | 115        | 115        |
| Amount ports                                   |                 | 2          | 2          | 3          | 3          |
| Input                                          |                 | IEC-female | F-quickfix | IEC-female | F-quickfix |
| Broadband output                               |                 | IEC-male   | F-female   | IEC-male   | F-female   |
| Order No.                                      |                 | 24100000   | 24100050   | 24100100   | 24100150   |

<sup>(1)</sup> With open input (accordant POE-Filter)

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