



P series of RTV outlets are characterized by new patent pending way of coaxial cable connection; in this unique way outlets offers easy and long-lasting connection, very high screening efficiency and great electrical parameters.

This outlets family is best choice to use in one frame with power, phone and Internet sockets as one installation series. Main advantage of P series outlets is ability to use in cable ducts systems, specially convenient to use in offices and hotels. 45 x 45mm module enables to use elements of electric and telecommunication installations close grained. In traditional systems on 30cm width only 4 elements (e.g. 1 x 230V power socket, 1 x RTV outlet, 1 x phone and 1 x Ethernet socket) can be used. Applying 45 x 45mm modular system enables to use 6 modules (moreover phone or computer sockets can use only half of module).

Space saving and ability to easy use in cable ducts is evident.

PFP outlets are strongly recommended to use in MATV and individual antenna installations. They enable to build serial subscriber installations with equal signal level in each outlet. PFZ 06 is terminating outlet.

Main advantages of these outlets are:

- galvanic separation of main path from R and TV outputs,
- huge separation between R and TV output,
- radio filter separating harmonic products.

NOTICE: The modular P series outlets needs to be installed in the cable ducts or other 45x45mm supports producers (for example LEGRAND, KOS-ELEKTRO SYSTEM, EMITER, JAVEL, STASIŃSKI).

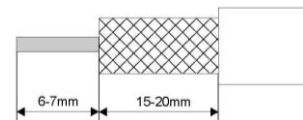
Careful assembling, newest technologies implemented, individual adjustment and 100% products testing guarantee, that all of the products meet the requirements. Respecting all of the Management Quality System ISO 9001: 2008 provides repeatable high quality production.

TECHNICAL PARAMETERS:

1. Attenuation parameters:

| | | MHz | 5 – 108 | 108 – 470 | 470 - 862 |
|---|--|-----|----------|--------------|--------------|
| PFZ 06 (label color: white) | Insertion loss IN - TV / Return loss IN | dB | 6 / 25 | 6 / 18 | 6 / 14 |
| | Insertion loss IN - R / Return loss R | | 12 / 14 | 12-40 / - | >40 / - |
| | Separation R - TV / Return loss TV | | 36 / 15 | 35 – 60 / 15 | 60 – 50 / 14 |
| PFP 09 (label color: blue) | Insertion loss IN – OUT / Return loss IN | dB | 3,5 / 14 | 3,5 / 14 | 3,5-4,5 / 14 |
| | Insertion loss IN – TV / Return loss TV | | 9 / 15 | 9 / 16 | 9 / 18 |
| | Insertion loss IN – R / Return loss R | | 15 / 14 | 40 / - | 35 / - |
| | Separation R – TV / Return loss OUT | | 35 / 18 | 35 – 50 / 17 | 50 – 40 / 16 |
| | Isolation OUT – TV / Isolation OUT – R | | 30 / 33 | 32 / 38 | 28 / 31 |
| PFP 12 (label color: yellow) | Insertion loss IN – OUT / Return loss IN | dB | 3,5 / 16 | 3,5 / 15 | 3,5-4,5 / 16 |
| | Insertion loss IN – TV / Return loss TV | | 12 / 14 | 12 / 14 | 12 / 18 |
| | Insertion loss IN – R / Return loss R | | 19 / 14 | 40 / - | 35 / - |
| | Separation R – TV / Return loss OUT | | 35 / 20 | 35 – 55 / 19 | 55 – 45 / 16 |
| | Isolation OUT – TV / Isolation OUT – R | | 35 / 35 | 30 / 35 - 45 | 28 / 45 – 30 |
| PFP 15 (label color: green) | Insertion loss IN – OUT / Return loss IN | dB | 3,5 / 18 | 3,5 / 16 | 3,5-4,5 / 17 |
| | Insertion loss IN – TV / Return loss TV | | 15 / 14 | 15 / 14 | 15 / 18 |
| | Insertion loss IN – R / Return loss R | | 22 / 14 | 40 / - | 38 / - |
| | Separation R – TV / Return loss OUT | | 30 / 24 | 35 – 60 / 20 | 60 – 50 / 17 |
| | Isolation OUT – TV / Isolation OUT – R | | 32 / 35 | 34 / 40 | 28 / 32 |
| PFP 18 (label color: red) | Insertion loss IN – OUT / Return loss IN | dB | 3,5 / 18 | 3,5 / 16 | 3,5-4,5 / 17 |
| | Insertion loss IN – TV / Return loss TV | | 18 / 14 | 18 / 15 | 18 / 14 |
| | Insertion loss IN – R / Return loss R | | 25 / 14 | 40 / - | 37 / - |
| | Separation R – TV / Return loss OUT | | 35 / 19 | 35 – 50 / 18 | 50 – 40 / 16 |
| | Isolation OUT – TV / Isolation OUT – R | | 32 / 30 | 35 / 40 | 30 / 38 |

2. Screening effectiveness: > 75 dB;
3. Input, Output: 75Ω, max. Ø inner core –1.1mm, metallic shield –7mm;
4. Outputs: 75Ω, IEC 169-2 compliant connectors, R - female, TV – male;
5. Body: ZnAl cast, covered with Zn, cover– ABS plastic;
6. Outlets dimensions: surface 45 x 45 x 42mm;
7. Coaxial cable preparing: inner core – 6-7mm, shield – 15-20mm.



Notice: PTH MATT is designing and producing wide spectrum of the CATV passive devices in different housings as well. Individual designs possible.

All passive elements produced by PTH MATT fulfil EN 50083-1,2 and 4 EU standards (Directive 2004/108/WE) and The RoHS Regulation (Directive 2002/95/WE).



PRODUCER OF CATV PASSIVE COMPONENTS www.MATT.com.pl

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