

tubular bodies with a diameter of 20 mm filters, isolators, equalizers and attenuators

series
R

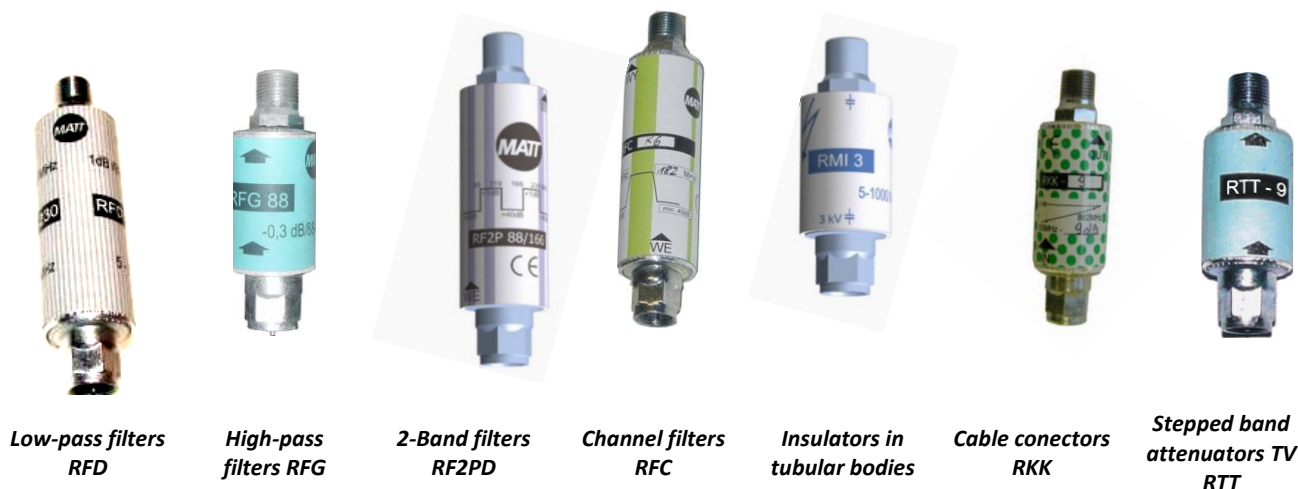
PTH MATT manufactures a wide range of passive components used in TVK networks and in individual and collective antenna installations. They are manufactured in a dozen or so different bodies, which are selected depending on the purpose of the device, the degree of its complexity and expected purchase costs.

One of the most popular are tubular bodies with a diameter of 20 mm, in which frequency filters, equalizers, attenuators and isolators are mounted.

The basic advantage of tubular bodies is the use of male F connectors / F female as an IN-OUT connection, shape enabling direct mounting on multitaps or splitters - without the need for additional connectors or wires and the possibility of producing almost complicated filters - due to the lack of limitations of the length of the tubular casing. However, too long filter is uncomfortable in use - for example in flat tap boxes, where the filters are screwed directly on multitaps. As an alternative to the RF series filters, are OF series filters that are larger in diameter and smaller in length than their RF counterparts.

Another great advantage of tubular bodies is their non-removable construction. The production technology used prevents the subscriber from interfering with the interior of the device, and if this happens, there are clear traces of such interference. For example, it is not possible for the subscriber to bypass the filters and short-circuit the input with the output, which happens in networks where packetization occurs. Depending on the needs, it is possible to use a non-standard IN-OUT connection configuration - eg 2 x F female or 2 x F male. The tubular bodies consist of an aluminum tube (diameter 20 mm, wall thickness 1 mm) and from the IN-OUT connections being ZnAl alloys additionally plated with galvanic zinc (Zn). It is possible to manufacture elements of the R series (RF, RK, RT, RI) also with a NiTin coating (nickel-tin, Ni-Sn) - eg RFP 88-230 / ns.

The appearance and exemplary use of tubular bodies are shown below.



The tubular bodies can also be made as bodies with angle connections. In this case, additional FF / FM angle connectors are used at the input. This embodiment is shown next to it.



All elements manufactured by PTH MATT are subject to multiple control of basic parameters, which, combined with careful assembly, modern technology, and individual tuning ensure that the parameters obtained are consistent with the catalog data. Observing all the implemented Quality Management Procedures ISO 9001: 2008 ensures high quality and repeatability of all products for sale.

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