

## PKM2-26-16-0.38/1.27 coaxial-to-microstrip adapters

### Description and purpose

The hermetic adapters are designed to input/output signals to/from microwave units. Adapter body and central connector are made of 29NK alloy and plated with wear-proof gold.



### Specifications

Parameter description	Value
Operating frequency range, GHz	0 ... 20*
Wave impedance, Ohm	50 ± 1
VSWR, max. (typ.)	1.3 (1.18)
Insertion loss, dB, max. (typ.)	0.4 (0.25)
Operating temperature range, °C	-60 to +150
Tightness, m <sup>3</sup> ·Pa/sec (cm <sup>3</sup> /sec)	1.3·10 <sup>-11</sup> to 1.3·10 <sup>-9</sup> (10 <sup>-10</sup> to 10 <sup>-8</sup> )
Maximum pass current, A	0.5
(Maximum operating voltage, V)	(100)
Transient resistance of contacts, Ohm, max.	0.01
Insulation resistance at 500 V test voltage, at normal climatic conditions, MOhm, min.	5000
Connector	SMP, as per MIL-STD-348A Fig 326**

### NOTE

\* The adapter is operable at frequency up to 26 GHz, but its VSWR over 20 GHz is not regulated.

\*\* Full-detent connection type is used (maximum holding force of coupled female and male connectors).

For detailed information on use of PKM2-26-16-0.38/1.27 coaxial-to-microstrip adapters, refer to document General Connectors at [www.micran.ru](http://www.micran.ru).

### Dimensions

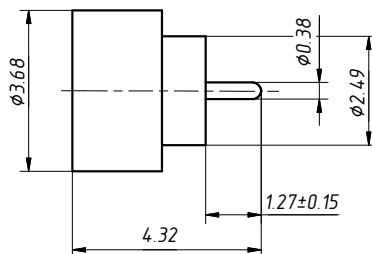


Fig. 1

### Ordering example

- PKM2-26-16-0.38/1.27 Coaxial-to-microstrip adapter, type SMP (male), 1.27 mm pin length.