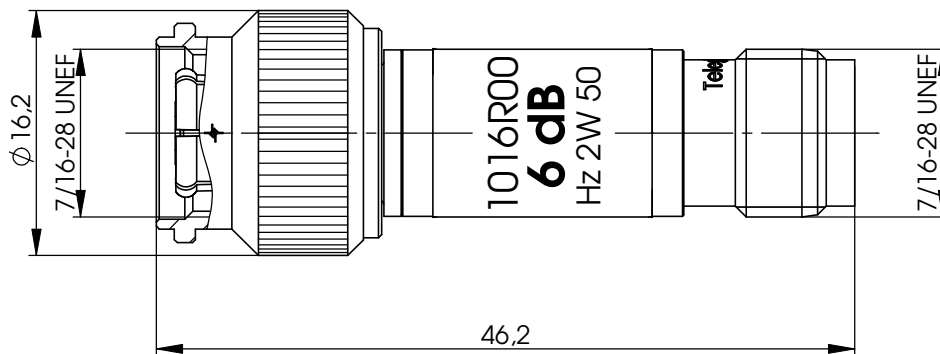




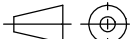
**Mechanical characteristics      Mechanische Eigenschaften**

|                                   |                                  |                             |                            |
|-----------------------------------|----------------------------------|-----------------------------|----------------------------|
| mating life                       | Steckzyklen                      | >500                        |                            |
| coupling torque                   | Kupplungsdrehmoment              | 79-113 Ncm                  |                            |
| <b>Components</b>                 | <b>Bauteile</b>                  | <b>Materials / Material</b> | <b>Finish / Oberfläche</b> |
| centre contact                    | Innenkontakt                     | copper alloy/ Kupferleg.    | Cu1Ni2Au0,8                |
| outer contact                     | Außenkontakt                     | brass / Messing             | CuSnZn3                    |
| other metal parts                 | sonstige Metallteile             | copper alloy/ Kupferleg.    | NiP4Au0,1 / Cu2Ni5         |
| insulator                         | Isolierung                       | PTFE                        |                            |
| gasket                            | Dichtung                         | silicone / Silikon          |                            |
| <b>Electrical characteristics</b> | <b>Elektrische Eigenschaften</b> |                             |                            |
| impedance                         | Wellenwiderstand                 | 50 Ω                        |                            |
| frequency                         | Frequenz                         | 0-6 GHz                     |                            |
| insertion loss                    | Einfügedämpfung                  | 6 dB                        |                            |

| frequency /<br>Frequenz | return loss /<br>Rückflussdämpfung | insertion loss tolerance /<br>Einfügedämpfung Toleranz |
|-------------------------|------------------------------------|--------------------------------------------------------|
| 1 GHz                   | 32 dB                              | ± 0,2                                                  |
| 3 GHz                   | 21 dB (a)                          | ± 0,3                                                  |
| 4 GHz                   | 21 dB (a)                          |                                                        |
| 6 GHz                   | 20 dB (a)                          | ± 0,4                                                  |

|       |          |                                                                 |
|-------|----------|-----------------------------------------------------------------|
| power | Leistung | 2W at 40°C ambient temperature/<br>bei 40°C Umgebungstemperatur |
|-------|----------|-----------------------------------------------------------------|

|                      |                    |                   |
|----------------------|--------------------|-------------------|
| <b>Environmental</b> | <b>Umgebung</b>    |                   |
| operating temp.      | Betriebstemperatur | -40°C / +100°C    |
| protection class     | Schutzklasse       | IP 67 (IEC 60529) |
| RoHS compliant       | RoHS konform       | 2002/95/EC        |

|   |       |          |    |                                                   |                                                              |                                           |                        |                              |                     |                   |                                                                                                            |  |
|---|-------|----------|----|---------------------------------------------------|--------------------------------------------------------------|-------------------------------------------|------------------------|------------------------------|---------------------|-------------------|------------------------------------------------------------------------------------------------------------|--|
| a | 21522 | 21.01.10 | BJ | 2009                                              | Datum/ date                                                  | Name/ name                                | Gewicht/ weight<br>(g) | Oberfläche/ surface<br>(mm²) | Werkstoff/ material |                   |                                                                                                            |  |
|   |       |          |    | gez./ drawn                                       | 25.06.                                                       | GE                                        |                        |                              |                     |                   |                                                                                                            |  |
|   |       |          |    | gepr./ appr.                                      | 25.06.09                                                     | BJ                                        |                        |                              | Oberfläche/ finish  |                   |                                                                                                            |  |
|   |       |          |    | Norm/ stand.                                      |                                                              |                                           |                        |                              |                     |                   |                                                                                                            |  |
|   |       |          |    | Maßstab/ scale<br>2:1                             | Benennung/ title<br>R-TNC Attenuator<br>R-TNC-Dämpfungsglied |                                           |                        |                              |                     |                   |  <b>Telegärtner</b>   |  |
|   |       |          |    | untol. Maße/ dim. without tolerances according to | Unterl./doc. type<br>K                                       | Zeichnungsnr./ drawing no.<br>J01016R0005 |                        |                              |                     |                   |  Maße/ dimensions: mm |  |
|   |       |          |    | Änd./ rev. Index                                  | Änderungsmittelung/ revision code                            | Datum/ date                               | Name/ name             | Ersatz für/ replaces         |                     | Original : DIN A4 |                                                                                                            |  |
|   |       |          |    |                                                   |                                                              | Blatt/ sheet 1 von/ of 1                  |                        |                              |                     |                   |                                                                                                            |  |