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## Termination Loads

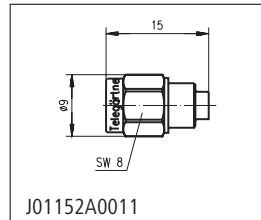
# 50 Ω Termination Loads

Telegärtner offers a range of high quality termination loads in 7-16, N, TNC, BNC, SMA and R-SMA series. The power handling capability ranges from 1 W to 625 W, with frequency ranges

from D.C. to 18 GHz.

The termination loads meet the requirements of the RoHS directive. The table below gives an overview of the product range.

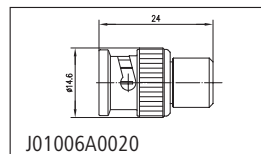
## Series SMA/R-SMA



| Order no.    | Type | P max. | f max.  | Return loss |        |        |
|--------------|------|--------|---------|-------------|--------|--------|
|              |      |        |         | 2.5 GHz     | 6 GHz  | 18 GHz |
| J01152A0011  | Sti  | 1 W    | 6.0 GHz | >31 dB      | >23 dB | -      |
| J01152B0011  | Sti  | 1 W    | 18 GHz  | >31 dB      | >23 dB | >20 dB |
| J01152R0011* | Sti  | 1 W    | 2.5 GHz | >31 dB      | >23 dB | -      |

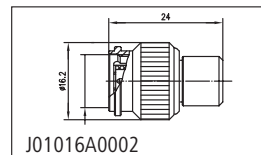
\*R-SMA (Reverse SMA Type)

## Series BNC



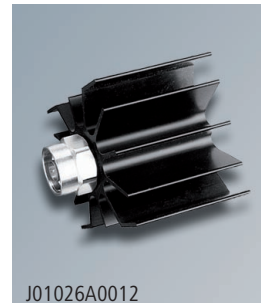
| Order no.   | Type | P max. | f max.  | Return loss |        |         |
|-------------|------|--------|---------|-------------|--------|---------|
|             |      |        |         | 1 GHz       | 2 GHz  | 2.5 GHz |
| J01006A0020 | St   | 1 W    | 2.5 GHz | >32 dB      | >26 dB | >24 dB  |
| J01006A0021 | Bu   | 1 W    | 2.5 GHz | >32 dB      | >26 dB | >24 dB  |

## Series TNC



| Order no.   | Type | P max. | f max.  | Return loss |        |         |
|-------------|------|--------|---------|-------------|--------|---------|
|             |      |        |         | 1 GHz       | 2 GHz  | 2.5 GHz |
| J01016A0002 | St   | 1 W    | 2.5 GHz | >32 dB      | >26 dB | >24 dB  |
| J01016A0003 | Bu   | 1 W    | 2.5 GHz | >32 dB      | >26 dB | >24 dB  |

## Series N



| Order no.   | Type | P max. | f max.  | Return loss |        |        |
|-------------|------|--------|---------|-------------|--------|--------|
|             |      |        |         | 2.5 GHz     | 6 GHz  | 18 GHz |
| J01026A0012 | St   | 1 W    | 6.0 GHz | >34 dB      | >25 dB | -      |
| J01026A0013 | Bu   | 1 W    | 6.0 GHz | >34 dB      | >25 dB | -      |
| J01026A0010 | St   | 2 W    | 18 GHz  | >33 dB      | >24 dB | >13 dB |
| J01026A0014 | Bu   | 2 W    | 18 GHz  | >33 dB      | >24 dB | >13 dB |
| J01026A0011 | St   | 10 W   | 18 GHz  | >33 dB      | >24 dB | >13 dB |
| J01026A0015 | Bu   | 10 W   | 18 GHz  | >33 dB      | >24 dB | >13 dB |

## Series 7-16



| Order no.   | Type | P max. | f max.  | Return loss |         |         |
|-------------|------|--------|---------|-------------|---------|---------|
|             |      |        |         | 1 GHz       | 2.5 GHz | 7.5 GHz |
| J01124A0001 | Sti  | 2 W    | 7.5 GHz | >30         | >27 dB  | >21 dB  |
| J01124A0002 | Bu   | 2 W    | 7.5 GHz | >30         | >27 dB  | >21 dB  |
| J01124A0003 | Sti  | 10 W   | 7.5 GHz | >30         | >27 dB  | >21 dB  |
| J01124A0004 | Bu   | 10 W   | 7.5 GHz | >30         | >27 dB  | >21 dB  |



| Order no.   | Type | P max. | f max.  | Return loss |         |         |
|-------------|------|--------|---------|-------------|---------|---------|
|             |      |        |         | 500 MHz     | 860 MHz | 960 MHz |
| J01124A0005 | St   | 625 W  | 960 MHz | >30 dB      | >28 dB  | >26 dB  |

Additional cooling for a cover surface temperature of max. 35° C required.

Pulsed power max: 1 µs 5 KW 1 ms pause