

# Telegärtner 2.2-5 Male Connector for 1/4" Corrugated Cable, SIMFix, clamp/clamp, Screw Type, G20 (1/4" Flex)

SKU: ACC-TG-00052

MPN: 100025465

## Description

Introducing the Telegärtner 2.2-5 Male Connector, tailored for 1/4" Corrugated Cable applications.

With SIMFix technology, installation becomes effortless, ensuring a seamless setup every time. Its clamp/clamp mechanism guarantees a secure fit, providing peace of mind in critical connections. Featuring a Screw Type design, it offers both reliability and ease of use.

Compatible with G20 (1/4" Flex) cables, it's built to excel in demanding environments. Trust Telegärtner for top-tier performance and connectivity solutions that stand the test of time.

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## Telegärtner

As family-owned company the Telegärtner Group has developed to an international network of affiliated companies specialising in intermediate and end products for telecommunications and data communications for customers with the most exacting demands for high-tech applications over the last 70 years.

Since the company was set up in 1945 Telegärtner has seen steady growth and has continually expanded ...

# RF Connector Interface

|                     |                   |                 |
|---------------------|-------------------|-----------------|
| <b>RF Interface</b> | <b>Body Shape</b> | <b>Mounting</b> |
| 2.2-5 Male          | Straight          | Free Hanging    |

## RF Specification

|                  |            |                           |             |
|------------------|------------|---------------------------|-------------|
| Start Frequency: | 0 GHz      | Input Impedance:          | 50          |
| Stop Frequency:  | 6 GHz      | Inner Contact Resistance: | ≤ 2 mΩ      |
| PIM, 3rd Order:  | ≤ -160 dBc | Outer Contact Resistance: | ≤ 1 mΩ      |
|                  |            | RF Operating Voltage:     | ≤ 1500 Vrms |

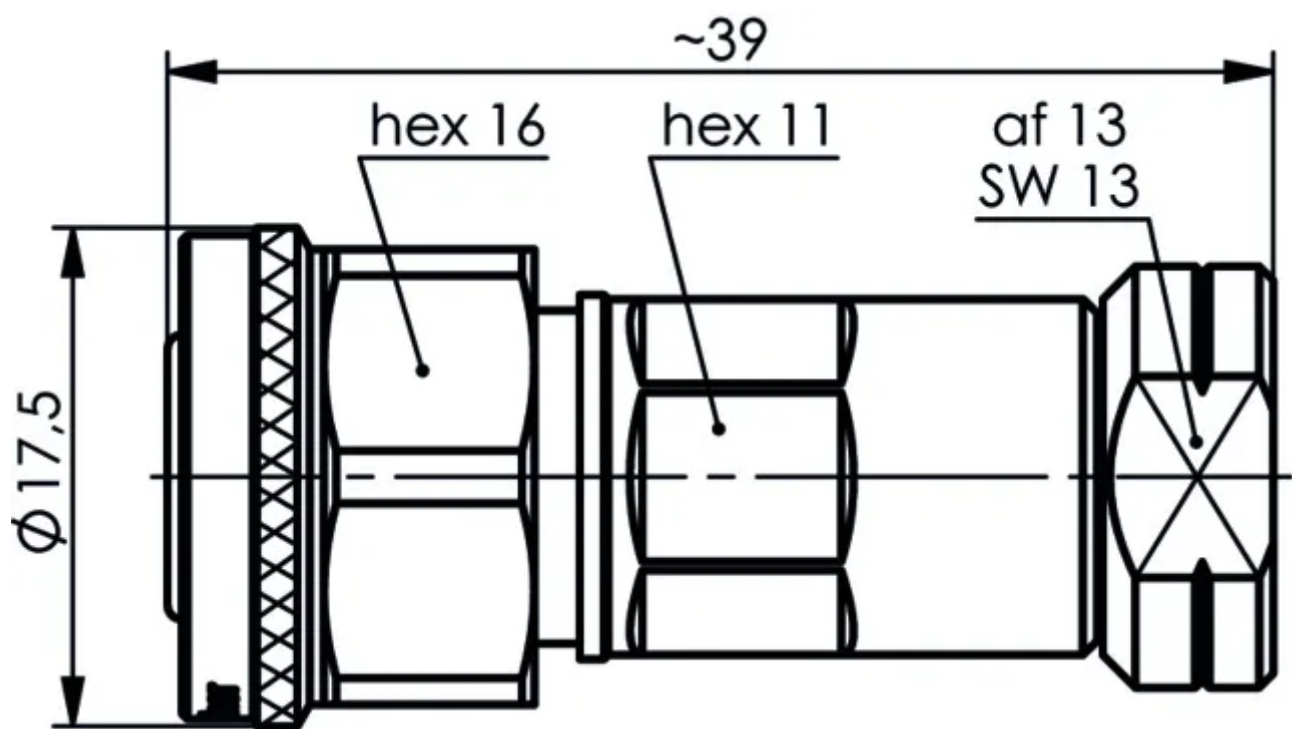
### VSWR Measurement

| Frequency | Return Loss |
|-----------|-------------|
| 1000 MHz  | ≤ 36 dB     |
| 2000 MHz  | ≤ 35 dB     |
| 3000 MHz  | ≤ 32 dB     |
| 4000 MHz  | ≤ 27 dB     |
| 6000 MHz  | ≤ 21 dB     |

## Physical Specification

|                            |                              |                             |                                       |
|----------------------------|------------------------------|-----------------------------|---------------------------------------|
| Cable Group:               | 1/4 Corrugated               | Conductor Attachment:       | Cable, Captivated                     |
| Body Material:             | Lead-Brass Alloy (CuZn39Pb3) | Contact Material:           | Beryllium-Copper-Lead (CuBe2Pb)       |
| Body Plating:              | Nickel                       | Contact Plating:            | Copper-Silver Alloy (Cu2Ag5 / Cu2Ag3) |
| Insulator Material:        | PTFE / Teflon                |                             |                                       |
| Dimensions:                | 39 × 17.5 × 17.5             | Min. Operating Temperature: | -55 °C                                |
| Compliance/Certifications: | ISO 9001 Quality Management  | Max. Operating Temperature: | 90 °C                                 |
| RoHS                       |                              | Ingress Protection:         | IP67                                  |
|                            |                              | Mating Cycles:              | > 100                                 |

Drawing



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