



## HF66-0017 FAKRA-M 6 F MCX

### Contacting Fakra-Male

**NEW**

<b>Centers (mm/mil)</b>	6,60 / 260
<b>Current (Circular)</b>	10,0 A
<b>Current (Internal)</b>	3,0 A
<b>Impedance [Z]</b>	50 Ohm
<b>Frequency</b>	6 GHz
<b>Temperature</b>	-20°C...+80°C

#### Spring Force (cN ±20%)

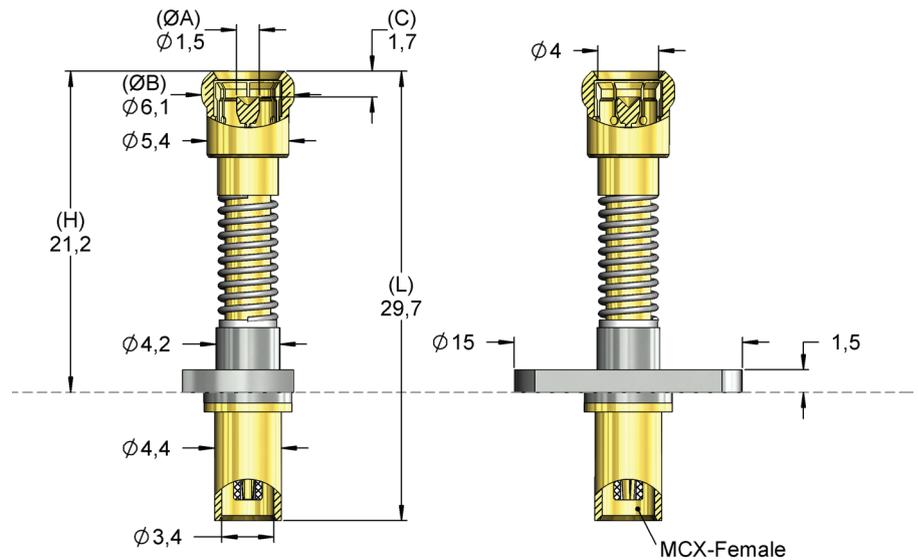
	Preload	Nominal
Internal Cont.	110	150
Circular Cont.	500	665

#### Travel (mm)

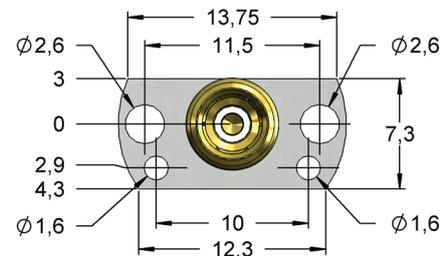
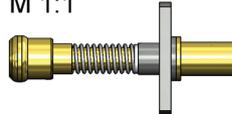
	Nominal	Maximum
Internal Cont.	1,0	1,3
Circular Cont.	2,0	3,0
Thread	-	-
Wrench Size	-	-

#### Materials and Plating

Internal Cont.	BeCu, gold plated
Circular Cont.	Brass, gold plated
Barrel	Brass, gold plated
Spring Internal Cont.	Music Wire, gold plated
Spring Circular Cont.	Stainless steel, unplated



M 1:1



The flange mounting in combination with the wobble function of the probe enables safe contacting in the smallest possible center for Fakra connectors. Cable connection with standard connector MCX-male.

#### Advantages:

- High accuracy due to **wobble function** and large catching range of the head
- Negative effects due to cable load are excluded by the **latching function**
- **Reduce the load** on the DUTS
- Flange allows **easy mounting and quick exchange**

Fakra-Male



#### RADIO FREQUENCY PERFORMANCE

Typical insertion loss	DC up to 3 GHz	3 GHz up to 6 GHz
Maximum	0,4 dB	0,6 dB
Typical return loss	DC up to 3 GHz	3 GHz up to 6 GHz
Minimum	17 dB	12 dB

This table shows the reference values in the middle and at the end of the recommended frequency.

Order Code	Description	Sensepin	Tip Style	Ø A	Ø B	C	H	L	Version
HF66-0017	HF66-0017 FAKRA-M 6 F MCX		05	1,5	6,10	-1,70	21,20	29,70	-