

<b>Item no.</b>	99900985	<b>Connector type</b>	F-60-MINI 3.1/6.0
		<b>For cable</b>	Braun teleCom MKL

<b>Frequency Range</b>	0.3 - 3000 MHz
<b>Impedance</b> (Nom.)	75 Ω
<b>Amp. Rating</b> (measured)	Cable data
(calculated)	Cable data
<b>Transfer Impedance</b> (CoMeT)	2,2 mΩ/m @ 5-30MHz
	0,04 mΩ/item @ 5-30MHz
<b>Shielding Effectiveness</b> (CoMeT)	108 dB @ 30-862MHz

**All tests performed using instruments calibrated in accordance to our ISO 9001 certification. Further technical specifications and installation instructions can be obtained on request.**



**Return Loss** (IEC 61169-1)  
(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-27 dB	-30,2 dB
500 - 860 MHz	-27 dB	-30,2 dB
860 - 1000 MHz	-27 dB	-29,9 dB
1000 - 1750 MHz	-26 dB	-28,7 dB
1750 - 2150 MHz	-26 dB	-28,7 dB
2150 - 3000 MHz	-24 dB	-26,5 dB

**Insertion Loss Max.**

	Better than	Typical
0.3 - 500 MHz	-0,09 dB	-0,04 dB
500 - 860 MHz	-0,10 dB	-0,05 dB
860 - 1000 MHz	-0,11 dB	-0,06 dB
1000 - 1750 MHz	-0,15 dB	-0,10 dB
1750 - 2150 MHz	-0,15 dB	-0,10 dB
2150 - 3000 MHz	-0,18 dB	-0,13 dB

**Temperature**

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

**Intermodulation**

3rd Order (@2x100mW)	<b>IM3</b>	<b>IP3-value</b>
	-130 dBc	+84 dBm

**Inner Conductor Resistance**  
(@ 1 A DC)

Cable data
------------

**Sealing Test**  
(IEC IP-code)

-
---

**Insulation Resistance**  
(@ 500 VDC)

Cable data
------------

**O-rings**

-
---

**Dielectric Strength**

DC Test Voltage	1,0 KV
-----------------	--------

**Base Material**

Body Parts	Brass CuZn39Pb3
Inner Conductor	

**Max. Tensile Strength**

Overall	25 N
---------	------

**Plating**

Body Parts	Nitin-6
Inner Conductor	

**Torsional Strength**

(Connector / Cable)	* NATM
---------------------	--------

**Insulators**

--

**Test performed by**  
**Date of release**

Sven-Erik Sandberg
August 02, 2007

**Remarks**

\* Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip.

ISO 9001:2000 / ISO 14001 certified

**Distributor:**

**CABELCON**  
connectors

Corning Cabelcon ApS, Industriparken 10, DK 4760 Vordingborg  
Tel: +45 55 98 55 99 · Fax: + 45 55 98 55 04  
E-mail: cabelcon@cabelcon.dk · [www.cabelcon.dk](http://www.cabelcon.dk)

Form 041 rev 5