DATA SHEET

Item no.	99900450	**Connector type**	F-71-M-S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	3,5 A @10°C increase
(calculated)	4,9 A @20°C increase
Transfer Impedance (CoMeT)	<0,9 mΩ/m @ 5-30MHz
	<0,02 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	>130 dB @ 30-1000MHz
	>130 dB @ 1000-3000MHz

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)
(Rhode und Schwarz ZVB-8)

	Better than	Typical
0.3 - 500 MHz	-40 dB	-43,4 dB
500 - 860 MHz	-39 dB	-41,3 dB
860 - 1000 MHz	-39 dB	-41,2 dB
1000 - 1750 MHz	-36 dB	-38,8 dB
1750 - 2150 MHz	-34 dB	-37,8 dB
2150 - 3000 MHz	-34 dB	-36,1 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	-0,12 dB	-0,07 dB
1750 - 2150 MHz	-0,13 dB	-0,08 dB
2150 - 3000 MHz	-0,13 dB	-0,08 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation

	IM3	IP3-value
3rd Order (@2x100mW)	-140 dBc	+90 dBm

Inner Conductor Resistance
(@ 1 A DC) 3,2 mΩ

Sealing Test
(IEC IP-code) -

Insulation Resistance
(@ 500 VDC) >200 GΩ

Dielectric Strength
DC Test Voltage 2,0 KV

O-rings -

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Brass CuZn39Pb3

Plating

Body Parts	Nickel
Inner Conductor	Nickel

Insulators PE

Test performed by Sven-Erik Sandberg
Date of release March 27, 2009

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON connectors

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