DATA SHEET

Item no.	99900980	**Connector type**	F-60-MINI 2.3/5.0
		For cable	Bedea Telass 40

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	*31 mΩ/m @ 5-30MHz
	1,1 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	>100 dB @ 30-1000MHz
	>90 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)
(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-28 dB	-31,0 dB
500 - 860 MHz	-27 dB	-29,6 dB
860 - 1000 MHz	-27 dB	-29,4 dB
1000 - 1750 MHz	-23 dB	-26,4 dB
1750 - 2150 MHz	-22 dB	-25,5 dB
2150 - 3000 MHz	-20 dB	-22,0 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,06 dB	-0,01 dB
500 - 860 MHz	-0,06 dB	-0,01 dB
860 - 1000 MHz	-0,06 dB	-0,01 dB
1000 - 1750 MHz	-0,09 dB	-0,04 dB
1750 - 2150 MHz	-0,12 dB	-0,07 dB
2150 - 3000 MHz	-0,17 dB	-0,12 dB

Temperature

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

Intermodulation

3rd Order (@2x+20dBm)	-118 dBc	+79 dBm

Inner Conductor Resistance
(@ 1 A DC) Cable data

Sealing Test
(IEC IP-code) -

Insulation Resistance
(@ 500 VDC) Cable data

Dielectric Strength
DC Test Voltage Cable data

O-rings -

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	-

Max. Tensile Strength
Overall 80 N

Plating

Body Parts	Nitin-6
Inner Conductor	-

Torsional Strength
(Connector / Cable) N/A

Insulators -

Test performed by Troels V. Kristensen
Date of release June 11, 2010

Remarks

* Transfer Impedance of the connector is better than the cable, which is stated to be <40mOhm/m

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON connectors

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