

Item no.	89450000-01	Terminator type	IEC14M-R75 PORT TERMINATOR with AC blocking

Frequency Range	5 - 3000 MHz
Impedance (Nom.)	75 Ω
Power Rating	*1/2 W
Transfer Impedance (CoMeT)	<0,90 mΩ/m @ 5-30MHz
	<0,17 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	>135 dB @ 30-1000MHz
	>125 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
5 - 500 MHz	-27 dB	-29,8 dB
500 - 860 MHz	-23 dB	-25,8 dB
860 - 1000 MHz	-22 dB	-25,0 dB
1000 - 1750 MHz	-17 dB	-19,8 dB
1750 - 2150 MHz	-13 dB	-15,6 dB
2150 - 3000 MHz	-6 dB	-8,7 dB

Insertion Loss Max.

	Better than	Typical
5 - 500 MHz	-	-
500 - 860 MHz	-	-
860 - 1000 MHz	-	-
1000 - 1750 MHz	-	-
1750 - 2150 MHz	-	-
2150 - 3000 MHz	-	-

Temperature

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

Intermodulation

3rd Order (@2x100mW)	IM3	IP3-value
	-135 dBc	+87 dBm

Inner Conductor Resistance
(@ 1 A DC)

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Sealing Test

(IEC IP-code)	IP X8 30 meter / 8 hours
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Insulation Resistance

(@ 500 VDC)	>29,9 GΩ
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O-rings

EPDM

Dielectric Strength

DC Test Voltage	500 V
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Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Tinbronze CuSn4Zn4Pb4 / BeCu

Max. Tensile Strength

Overall	-
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Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength

(Connector / Cable)	-
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Insulators

PE / **

Test performed by
Date of release

Troels V. Kristensen
August 17, 2009

Remarks

* Signal level 1/2W@75Ω equals +134dBμV
** Printed Circuit Board made of CEM3.

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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