

Item no. 99909462

Connector type BNCM-60-CX3 MINI 3,1
For cable VSHD40, CW41S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	2,5 A @10°C increase
(calculated)	3,5 A @20°C increase
Transfer Impedance (CoMeT)	25 mΩ/m @ 5-30MHz
	0,8 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	>90 dB @ 30-1000MHz
	>85 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	-31 dB	-36,5 dB
500 - 860 MHz	-29 dB	-32,8 dB
860 - 1000 MHz	-28 dB	-31,8 dB
1000 - 1750 MHz	-26 dB	-28,5 dB
1750 - 2150 MHz	-26 dB	-28,4 dB
2150 - 3000 MHz	-25 dB	-28,4 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,08 dB	-0,03 dB
500 - 860 MHz	-0,09 dB	-0,04 dB
860 - 1000 MHz	-0,10 dB	-0,05 dB
1000 - 1750 MHz	-0,11 dB	-0,06 dB
1750 - 2150 MHz	-0,13 dB	-0,08 dB
2150 - 3000 MHz	-0,14 dB	-0,09 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +85° C
Storing	-40° to +85° C

Intermodulation

3rd Order (@2x100mW)	IM3 -137 dBc	IP3-value +88 dBm
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Inner Conductor Resistance

(@ 1 A DC)	3,8 mΩ
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Sealing Test

(IEC IP-code)	-
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Insulation Resistance

(@ 500 VDC)	>200 GΩ
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O-rings

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Dielectric Strength

DC Test Voltage	1 KV
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Base Material

Body Parts	Brass CuZn39Pb3 / SWPA / Zinc / Cu
Inner Conductor	Brass CuZn39Pb3 / BeCu

Max. Tensile Strength

Overall	50 N
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Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6 / Tin

Torsional Strength

(Connector / Cable)	*NATM
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Insulators

PE / POM

Test performed by

Troels V. Kristensen

Date of release

April 02, 2009

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

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