

Item no. 99909538-01

Connector type FM-RG11-CX3 QM 10.5
For cable Ören Kablo HD 163

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	5,0 A @10°C increase
(calculated)	7,0 A @20°C increase
Transfer Impedance (CoMeT)	<2,5 mΩ/m @ 5-30MHz
	<0,1 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	120 dB @ 30-1000MHz
	110 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	-34 dB	-37,1 dB
500 - 860 MHz	-34 dB	-37,1 dB
860 - 1000 MHz	-34 dB	-37,0 dB
1000 - 1750 MHz	-31 dB	-34,3 dB
1750 - 2150 MHz	-30 dB	-33,1 dB
2150 - 3000 MHz	-25 dB	-27,6 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,02 dB
500 - 860 MHz	-0,07 dB	-0,02 dB
860 - 1000 MHz	-0,07 dB	-0,02 dB
1000 - 1750 MHz	-0,07 dB	-0,02 dB
1750 - 2150 MHz	-0,07 dB	-0,02 dB
2150 - 3000 MHz	-0,07 dB	-0,02 dB

Temperature

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

Intermodulation

3rd Order (@2*200mW)	IM3	IP3-value
	-150 dBc	+98 dBm

Inner Conductor Resistance

@ 1 A DC	1,2 mΩ
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Sealing Test

(IEC IP-code)	IP X8 1 meter / 24 hours
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Insulation Resistance

@ 500 VDC	>200 GΩ
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O-rings

EPDM

Dielectric Strength

DC Test Voltage	3,0 KV
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Base Material

Body Parts	Phos.Bronze / Brass CuZn39Pb3
Inner Conductor	Brass

Max. Tensile Strength

Overall	392 N
	40 Kgf

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Torsional Strength

(Connector / Cable)	* NATM
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Insulators

PE

Test performed by

Troels V. Kristensen

Date of release

April 14, 2011

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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