

**DATA SHEET**

Item no. <b>PLU010475</b>	Connector type	NM/50-RG213-CX3 7.5
	For cable	Bedeá M17/74 - RG213

Frequency Range	50 - 6000 MHz
Impedance (Nom.)	50
Shielding Effectiveness(CoMeT)	> 80 dB @ 50-1000MHz
	> 70 dB @ 1000-2000MHz

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
50 - 1000 MHz	-27 dB	-30,2 dB
1000 - 2000 MHz	-23 dB	-25,5 dB
2000 - 3000 MHz	-21 dB	-24,3 dB
3000 - 4000 MHz	-20 dB	-24,1 dB
4000 - 6000 MHz	-16 dB	-19,4 dB
900 MHz	-28 dB	-31,0 dB
1800 MHz	-23 dB	-26,0 dB
2450 MHz	-22 dB	-24,8 dB

Temperature  
Installing  
Operating  
Storing

-5° to +50° C
-40° to +70° C
-40° to +70° C

Sealing Test  
(IEC IP-code)

IP X8 30 meter / 8 hours
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O-rings

EPDM
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Base Material

Body Parts	Brass CuZn39Pb3 / POM
Inner Conductor	Tin Bronze

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Insulators

TPX
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Remarks

\* Not Able To Measure(NATM): The cable starts to twist without the connector losing its grip.

Insertion Loss Max .

	Better than	Typical
50 - 1000 MHz	-0,07 dB	-0,02 dB
1000 - 2000 MHz	-0,08 dB	-0,03 dB
2000 - 3000 MHz	-0,12 dB	-0,07 dB
3000 - 4000 MHz	-0,20 dB	-0,15 dB
4000 - 6000 MHz	-0,53 dB	-0,48 dB
900 MHz	-0,07 dB	-0,02 dB
1800 MHz	-0,08 dB	-0,03 dB
2450 MHz	-0,09 dB	-0,04 dB

Intermodulation  
3rd Order (@2x1W)

IM3	IP3-value
-130 dBm	+110 dBm

Inner Conductor Resistance  
(@1 A DC)

1,0 m
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Insulation Resistance  
(@500 VDC)

>200 G
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Dielectric Strength  
DC Test Voltage

3,5 KV
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Max. Tensile Strength  
Overall

882 N
90 Kg.

Torsional Strength  
(Connector / Cable)

*NATM
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Test performed by  
Date of release

Sven-Erik Sandberg
March 01, 2009

ISO 9001:2000 / ISO 14001 certified

Distributor:

**CABELCON**  
connectors