

Item no.

Connector type

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	10,5 A @10°C increase
(calculated)	14,5 A @20°C increase
Transfer Impedance (CoMeT)	0,50 mΩ/m @ 5-30MHz
	0,02 mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	125 dB @ 30-1000MHz
	115 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)

0.3 - 500 MHz
 500 - 860 MHz
 860 - 1000 MHz
 1000 - 1750 MHz
 1750 - 2150 MHz
 2150 - 3000 MHz

	Better than	Typical
0.3 - 500 MHz	-40 dB	-43,9 dB
500 - 860 MHz	-40 dB	-43,9 dB
860 - 1000 MHz	-40 dB	-42,7 dB
1000 - 1750 MHz	-22 dB	-25,2 dB
1750 - 2150 MHz	-18 dB	-20,6 dB
2150 - 3000 MHz	-15 dB	-17,5 dB

Insertion Loss Max.

0.3 - 500 MHz
 500 - 860 MHz
 860 - 1000 MHz
 1000 - 1750 MHz
 1750 - 2150 MHz
 2150 - 3000 MHz

	Better than	Typical
0.3 - 500 MHz	-0,12 dB	-0,07 dB
500 - 860 MHz	-0,15 dB	-0,10 dB
860 - 1000 MHz	-0,15 dB	-0,10 dB
1000 - 1750 MHz	-0,21 dB	-0,16 dB
1750 - 2150 MHz	-0,21 dB	-0,16 dB
2150 - 3000 MHz	-0,35 dB	-0,30 dB

Temperature

Installing
 Operating
 Storing

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

Intermodulation
3rd Order (@2x5W)

IM3	IP3-value
-170 dBc	+122 dBm

Inner Conductor Resistance
(@ 1 A DC)

3,6 mOhm

Sealing Test
(IEC IP-code)

IP X8 30 meter / 8 hours

Insulation Resistance
(@ 500 VDC)

>200 GOhm

O-rings

EPDM

Dielectric Strength
DC Test Voltage

>6,0 KV

Base Material

Body Parts	Brass CuZn39Pb3
Inner Conductor	Tin Bronze

Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Insulators

PE

Test performed by
Date of release

Sven-Erik Sandberg
February 29, 2008

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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