

Item no. 99515150

Connector type 3.5/12F-56-UNIV 4.9/8.8 .360"
For cable ÖREN C 100 CCTV Coaxial Cable

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	11.0 A @10°C increase
(calculated)	15.5 A @20°C increase
Transfer Impedance (CoMeT)	<2.5 mΩ/m @ 5-30MHz
	<0.1 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	>95 dB @ 30-1000MHz
	>80 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)

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

	Better than	Typical
	-35 dB	-37.7 dB
	-32 dB	-35.2 dB
	-30 dB	-32.8 dB
	-22 dB	-24.8 dB
	-18 dB	-21.4 dB
	-14 dB	-17.2 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
	-0.06 dB	-0.01 dB
	-0.06 dB	-0.01 dB
	-0.07 dB	-0.02 dB
	-0.10 dB	-0.05 dB
	-0.15 dB	-0.10 dB
	-0.21 dB	-0.16 dB

Temperature

Installing
Operating
Storing

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

Intermodulation

3rd Order (@2x0,5W)

IM3	IP3-value
-157 dBc	+105

Inner Conductor Resistance

(@ 1 A DC)

1.0 mΩ

Sealing Test

(IEC IP-code)

IP X7 1 meter / 30 minutes

Insulation Resistance

(@ 500 VDC)

>200 GΩ

O-rings

-

Dielectric Strength

DC Test Voltage

>2.0 KV

Base Material

Body Parts

Brass CuZn39Pb3

Inner Conductor

Tin Bronze BZ4

Max. Tensile Strength

Overall

13,0 Kgf
128 N

Plating

Body Parts

Nitin-6

Inner Conductor

Nitin-6

Torsional Strength

(Connector / Cable)

* NATM

Insulators

PP with Glass

Test performed by

Sven-Erik Sandberg

Date of release

June 10, 2011

Remarks

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

ISO 9001:2008 / ISO 14001 certified

Distributor:

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CABELCON
connectors