

DATA SHEET

Item no.	99909435-01	Connector type	F-59-CX3 3.9 HEC
		For cable	Times Fiber T 59 SCSQ 95-95-VCV/HE

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	cable data A
Transfer Impedance (CoMeT)	5 mΩ/m @ 5-30MHz
	0,13 mΩ/item @ 5-30MHz
Shielding Effectiveness(CoMeT)	105 dB @ 30-862MHz



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)

	Better than	Typical
0.3 - 500 MHz	-34 dB	-36,5 dB
500 - 860 MHz	-34 dB	-36,5 dB
860 - 1000 MHz	-34 dB	-36,5 dB
1000 - 1750 MHz	-33 dB	-36,1 dB
1750 - 2150 MHz	-32 dB	-35,0 dB
2150 - 3000 MHz	-28 dB	-30,8 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,02 dB
500 - 860 MHz	-0,09 dB	-0,04 dB
860 - 1000 MHz	-0,09 dB	-0,04 dB
1000 - 1750 MHz	-0,10 dB	-0,05 dB
1750 - 2150 MHz	-0,10 dB	-0,05 dB
2150 - 3000 MHz	-0,10 dB	-0,05 dB

Temperature
Installing
Operating
Storing

-5° to +50° C
-40° to +100° C
-40° to +100° C

Intermodulation
3rd Order (@2x100mW)

IM3	IP3-value
-140 dBc	+89 dBm

Inner Conductor Resistance
(@ 1 A DC)

cable data

Sealing Test
(IEC IP-code)

IP X8 1 meter / 24 hours

Insulation Resistance
(@ 500 VDC)

>200 GΩ

O-rings

EPDM

Dielectric Strength
DC Test Voltage

cable data

Base Material
Body Parts
Inner Conductor

Brass CuZn39Pb3 / POM (Delrin)

Max. Tensile Strength
Overall

400 N

Plating
Body Parts
Inner Conductor

Nitin-6

Torsional Strength
(Connector / Cable)

*NATM

Insulators

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Test performed by
Date of release

Sven-Erik Sandberg
November 25, 2011

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

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