

Item no.	99901400	Connector type	F-56-UNIV 4.9/8.8
		For cable	CommScope F690BVV

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (@10°C increase)	Cable data
Transfer Impedance (CoMeT)	2,9 mΩ/m @ 5-30MHz
	0,06 mΩ/con. @ 5-30MHz
Shielding Effectiveness (CoMeT)	109 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
(RF Analyzer HP 8714C)

	Better than	Typical
0.3 - 500 MHz	-34 dB	-37,1 dB
500 - 860 MHz	-32 dB	-35,2 dB
860 - 1000 MHz	-31 dB	-34,1 dB
1000 - 1750 MHz	-26 dB	-28,7 dB
1750 - 2150 MHz	-23 dB	-26,5 dB
2150 - 3000 MHz	-20 dB	-23,2 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,04 dB	-0,01 dB
500 - 860 MHz	-0,05 dB	-0,02 dB
860 - 1000 MHz	-0,06 dB	-0,02 dB
1000 - 1750 MHz	-0,07 dB	-0,03 dB
1750 - 2150 MHz	-0,08 dB	-0,03 dB
2150 - 3000 MHz	-0,08 dB	-0,03 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +100° C
Storing	-40° to +100° C

Intermodulation

3rd Order (@2x+20dBm)	IM3	IP3-value
	120 dBc	+80 dBm

Insulation Resistance

(@ 500 V)	Cable data
-----------	------------

Sealing Test

(IEC IP-code)	-
---------------	---

Inner Conductor Resistance

(@ 1 A DC)	Cable data
------------	------------

Max. Tensile Strength

Overall	350 N
---------	-------

Base Material

Body Parts	Brass CuZn39Pb3 Brass CuZn36Pb3
Inner Conductor	

Torsional Strength

(Connector / Cable)	-
---------------------	---

Plating

Body Parts	Nitin-6
Inner Conductor	

Dielectric Strength

DC Test Voltage	Cable data
-----------------	------------

O-rings

	-
--	---

Test performed by

Troels V. Kristensen

Insulators

-

Date of release

January 27, 2006

Remarks

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors