

Item no. 99909388	Connector type GF-UE 4,9 NiTin PLATING
	ULTRAEASE
	For cable CommScope F677TSV

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
Amp. Rating (measured)	Cable data
(calculated)	Cable data
Transfer Impedance (CoMeT)	** mΩ/m @ 5-30MHz
	** mΩ/item @ 5-30MHz
Shielding Effectiveness (CoMeT)	95 dB @ 30-1000MHz
	105 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)

	Better than	Typical
0.3 - 500 MHz	-34 dB	-36,8 dB
500 - 860 MHz	-34 dB	-36,8 dB
860 - 1000 MHz	-34 dB	-36,8 dB
1000 - 1750 MHz	-32 dB	-34,8 dB
1750 - 2150 MHz	-32 dB	-34,8 dB
2150 - 3000 MHz	-31 dB	-33,7 dB

Insertion Loss Max.

	Better than	Typical
0.3 - 500 MHz	-0,07 dB	-0,02 dB
500 - 860 MHz	-0,11 dB	-0,06 dB
860 - 1000 MHz	-0,13 dB	-0,08 dB
1000 - 1750 MHz	-0,13 dB	-0,08 dB
1750 - 2150 MHz	-0,13 dB	-0,08 dB
2150 - 3000 MHz	-0,13 dB	-0,08 dB

Temperature

Installing	-5° to +50° C
Operating	-40° to +70° C
Storing	-40° to +70° C

Intermodulation

3rd Order (@2x100mW)	IM3 -135 dBc	IP3-value +85 dBm
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Inner Conductor Resistance

(@ 1 A DC)	Cable data
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Sealing Test

(IEC IP-code)	*
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Insulation Resistance

(@ 500 VDC)	Cable data
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O-rings

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Dielectric Strength

DC Test Voltage	Cable data
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Base Material

Body Parts	Brass CuZn39Pb3 / POM(Acetal)
Inner Conductor	Cable data

Max. Tensile Strength

Overall	166 N
	17 Kgf

Plating

Body Parts	Nitin-6
Inner Conductor	Cable data

Torsional Strength

(Connector / Cable)	0,3 Nm
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Insulators

Cable data

Test performed by

Sven-Erik Sandberg

Date of release

May 29, 2009

Remarks

* Sealing: 1 meter / 24 hours with G-SR-1/2 SEAL RING 99900900.
** On other cables the measurement is <5 mΩ/m

ISO 9001:2000 / ISO 14001 certified

Distributor:

CABELCON
connectors

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