CORNING Datasheet

Item no.	99909912-01
Connector type	F-6-TD QM 7.0
For cable	Draka Coax 9 AD 11 S

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ohm
Amp. Rating (measured)	Cable data
(calculated)	Cable data

Product photo

Transfer Impedance (CoMeT)	Class A
	<5.0 mΩ/m @ 5-30MHz
	<1,35 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT)	Class A++
	>105 dB @ 30-1000MHz
	>95 dB @ 1000-2000MHz
	>85 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-32 dB	-34.6 dB
500 - 860 MHz	-31 dB	-34.1 dB
860 - 1000 MHz	-31 dB	-34.1 dB
1000 - 1750 MHz	-31 dB	-33.9 dB
1750 - 2150 MHz	-31 dB	-33.9 dB
2150 - 3000 MHz	-31 dB	-33.9 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	-0.16 dB	-0.11 dB
1750 - 2150 MHz	-0.16 dB	-0.11 dB
2150 - 3000 MHz	-0.16 dB	-0.11 dB

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

Intermodulation	IM3	
3rd Order (@2x+20dBm)	-140 dBc	

Inner Conductor Resistance (@ 1 A DC)	Cable data
Sealing Test (IEC IP-code)	IP X8 1 meter / 24 hours
Insulation Resistance (@ 500 VDC)	Cable data
Dielectric Strength DC Test Voltage	Cable data

O-rings	EPDM
Base Material	
Body Parts	Brass CuZn39Pb3 / POM
Inner Conductor	Cable data
Plating	
Body Parts	Nitin-6
Inner Conductor	Cable data
Insulators	Cabel data

Max. Tensile Strength Overall	>15 Kgf
	>147 N
Torsional Strength (Connector / Cable)	0.5 Nm
Test performed by	Susanne Lindharth
Date of release	April 06, 2020

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

Connector designed according to the standard IEC 61169-24 (type F)
All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
Further technical specifications and installation instructions can be obtained on request.

ISO 9001:2008 / ISO 14001 certified

Distributor:

Corning Optical Communications ApS
Industriparken 10, DK-4760 Vordingborg, Denmark
Tel: +45 55 98 55 99 Fax: +45 55 98 55 04
cabelcon@corning.com www.cabelcon.dk