

Item no.

99909946-01

F-6-TD 5.1
HQ 113 (1.1/4.8) PE Class A+

Frequency Range

0.3 - 3000 MHz

 Impedance (Nom.)

75 Ohm

 (calculated)

Cable data

Product photo



Transfer Impedance (CoMeT)

Class A+
<2.5 mΩ/m @ 5-30MHz
<0.68 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	-37 dB	-39.5 dB
500 - 860 MHz	-36 dB	-38.6 dB
860 - 1000 MHz	-35 dB	-37.9 dB
1000 - 1750 MHz	-32 dB	-35.1 dB
1750 - 2150 MHz	-32 dB	-35.0 dB
2150 - 3000 MHz	-25 dB	-29.3 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.06 dB	-0.01 dB
500 - 860 MHz	-0.06 dB	-0.01 dB
860 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 1750 MHz	-0.06 dB	-0.01 dB
1750 - 2150 MHz	-0.06 dB	-0.01 dB
2150 - 3000 MHz	-0.06 dB	-0.01 dB

Temperature
 Installing

-5° to +50° C

 Operating

-40° to +70° C

 Storing

-40° to +70° C

Intermodulation
 3rd Order (@2*0.2W)

IM3
-155 dBc

Inner Conductor Resistance
 (@ 1 A DC)

Cable data

Sealing Test
 (IEC IP-code)

IP X8 30 meter / 8 hours

Insulation Resistance
 (@ 500 VDC)

Cable data

O-rings

EPDM

Dielectric Strength
 DC Test Voltage

Cable data

Base Material
 Body Parts

Brass CuZn39Pb3

 Inner Conductor

Cable data

Max. Tensile Strength
 Overall

>23 Kgf
>226 N

Plating
 Body Parts

Nitin-6

 Inner Conductor

Cable data

Torsional Strength
 (Connector / Cable)

* NATM

Insulators

Cabel data

Test performed by

Susanne Lindharth

 Date of release

May 29, 2019

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.*