

Item no.

99909636-04

Connector type

F-6-TD SELF INSTALL 5.1

For cable

280050

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++
< 0.9 mΩ/m @ 5-30MHz
<0.27 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	-35.7 dB
500 - 860 MHz	-31 dB	-35.1 dB
860 - 1000 MHz	-31 dB	-34.8 dB
1000 - 1750 MHz	-30 dB	-33.1 dB
1750 - 2150 MHz	-29 dB	-32.2 dB
2150 - 3000 MHz	-27 dB	-30.6 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	-0.07 dB	-0.02 dB
1750 - 2150 MHz	-0.07 dB	-0.02 dB
2150 - 3000 MHz	-0.07 dB	-0.02 dB

Temperature
Installing

-5° to +50° C

Operating

-40° to +70° C

Storing

-40° to +70° C

Intermodulation IM3
3rd Order (@2x+27dBm)

-158 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 / POM

Inner Conductor

Cable data

Max. Tensile Strength Overall

>30 Kgf
>294 N

Plating
Body Parts

Nitin

Inner Conductor

Cable data

Torsional Strength (Connector / Cable)

* NATM

Insulators

Cabel data

Test performed by

Susanne Lindharth

Approved by

Søren Baldus-Kunze

Date of release

January 20, 2021

Remarks * Not Able To Measure(NATM): The cable starts to twist without the connector loosing its grip. Tensile strength can be limited by the strength of the cable. Please refer to the cable data.

*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.*