

Item no. **99909673**

Connector type **F-SC-56 5.1 Self Install**
 For cable **Ören HD103 A++**

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
<0.03 mΩ/item @ 5-30MHz
 Screening Attenuation(CoMeT) **Class A++**
>110 dB @ 30-1000MHz
>105 dB @ 1000-2000MHz
>100 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)	Better than		Typical	
	0.3 - 500 MHz	-38 dB	-40.9 dB	-40.9 dB
500 - 860 MHz	-38 dB	-40.9 dB	-40.9 dB	-40.9 dB
860 - 1000 MHz	-38 dB	-40.9 dB	-40.9 dB	-40.9 dB
1000 - 1750 MHz	-36 dB	-39.3 dB	-39.3 dB	-39.3 dB
1750 - 2150 MHz	-36 dB	-39.3 dB	-39.3 dB	-39.3 dB
2150 - 3000 MHz	-34 dB	-37.2 dB	-37.2 dB	-37.2 dB

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

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

Intermodulation **IM3**
 3rd Order (@2x+20dBm) **-135 dBc**

Inner Conductor Resistance
 (@ 1 A DC) **Cable data**

Sealing Test
 (IEC IP-code) **-**

Insulation Resistance
 (@ 500 VDC) **Cable data**

O-rings **-**

Dielectric Strength
 DC Test Voltage **Cable data**

Base Material
 Body Parts **Brass CuZn39Pb3 / POM**
 Inner Conductor **Cable data**

Max. Tensile Strength
 Overall **>25 Kgf**
>245 N

Plating
 Body Parts **Nitin-6**
 Inner Conductor **Cable data**

Torsional Strength
 (Connector / Cable) *** NATM**

Insulators **Cabel data**

Test performed by **Søren B. Sørensen**
 Date of release **January 18, 2017**

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

*All tests performed using instruments calibrated in accordance to our ISO 9001 certification.
 Further technical specifications and installation instructions can be obtained on request.*