

Connector type	IECF-56 5.1 SELF INSTALL
For cable	Ören HD 103+

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ohm
Amp. Rating (measured)	7.0 A @10°C increase
(calculated)	9.8 A @20°C increase

Transfer Impedance (CoMeT)	Class A+
	<2.5 mΩ/m @ 5-30MHz
	<0.10 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT)	Class A
	>90 dB @ 30-1000MHz
	>75 dB @ 1000-2000MHz
	>65 dB @ 2000-3000MHz



Return LOSS (IEC 61169-1)

0.3 - 500 MHz	Better than	Typical
500 - 860 MHz	-20 dB	-24.1 dB
860 - 1000 MHz	-21 dB	-23.0 dB
1000 - 1750 MHz	-17 dB	-19.9 dB
1750 - 2150 MHz	-15 dB	-17.9 dB
2150 - 3000 MHz	-10 dB	-13.3 dB

0.3 - 500 MHz	-24 dB	-27.4 dB
500 - 860 MHz	-20 dB	-24.1 dB
860 - 1000 MHz	-21 dB	-23.0 dB
1000 - 1750 MHz	-17 dB	-19.9 dB
1750 - 2150 MHz	-15 dB	-17.9 dB
2150 - 3000 MHz	-10 dB	-13.3 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.09 dB	-0.04 dB
500 - 860 MHz	-0.13 dB	-0.08 dB
860 - 1000 MHz	-0.13 dB	-0.08 dB
1000 - 1750 MHz	-0.29 dB	-0.24 dB
1750 - 2150 MHz	-0.45 dB	-0.40 dB
2150 - 3000 MHz	-0.85 dB	-0.80 dB

0.3 - 500 MHz	-0.09 dB	-0.04 dB
500 - 860 MHz	-0.13 dB	-0.08 dB
860 - 1000 MHz	-0.13 dB	-0.08 dB
1000 - 1750 MHz	-0.29 dB	-0.24 dB
1750 - 2150 MHz	-0.45 dB	-0.40 dB
2150 - 3000 MHz	-0.85 dB	-0.80 dB

Temperature

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

Intermodulation	IM3
3rd Order (@2x+27dBm)	-120 dBc

Base Material

Body Parts	Brass CuZn39Pb3 / POM
Inner Conductor	Brass CuZn39Pb3 / Beryllium copper

Inner Conductor Resistance (@ 1 A DC)	<6 mΩ
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Insulation Resistance (@ 500 VDC)	>200 GΩ
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Plating

Body Parts	Nitin-6
Inner Conductor	Nitin-6

Dielectric Strength DC Test Voltage	>2.0 KV
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Insulation Resistance (@ 500 VDC)	>200 GΩ
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Insulators

POM

Dielectric Strength DC Test Voltage	>2.0 KV
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Max. Tensile Strength Overall	>30 Kgf
	>294 N

Torsional Strength (Connector / Cable)	* NATM
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