

Connector type	IECM-56 5.1 SELF INSTALL
For cable	Oren HD 103+

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ohm
Amp. Rating (measured)	8.0 A @10°C increase
(calculated)	11.3 A @20°C increase

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
	>110 dB @ 1000-2000MHz
	>105 dB @ 2000-3000MHz



Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-22 dB	-24.4 dB
500 - 860 MHz	-20 dB	-22.5 dB
860 - 1000 MHz	-19 dB	-21.8 dB
1000 - 1750 MHz	-17 dB	-19.7 dB
1750 - 2150 MHz	-15 dB	-18.1 dB
2150 - 3000 MHz	-12 dB	-15.2 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.09 dB	-0.04 dB
500 - 860 MHz	-0.14 dB	-0.09 dB
860 - 1000 MHz	-0.14 dB	-0.09 dB
1000 - 1750 MHz	-0.28 dB	-0.23 dB
1750 - 2150 MHz	-0.37 dB	-0.32 dB
2150 - 3000 MHz	-0.54 dB	-0.49 dB

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500 - 860 MHz	-0.14 dB	-0.09 dB
860 - 1000 MHz	-0.14 dB	-0.09 dB
1000 - 1750 MHz	-0.28 dB	-0.23 dB
1750 - 2150 MHz	-0.37 dB	-0.32 dB
2150 - 3000 MHz	-0.54 dB	-0.49 dB

IM3	IP3-value
-120 dBc	87 dBm

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

Intermodulation	IM3	IP3-value
3rd Order (@2x+27dBm)	-120 dBc	87 dBm

Sealing Test (IEC IP-code)	-
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Inner Conductor Resistance (@ 1 A DC)	<1.5 mΩ
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O-rings	-
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Insulation Resistance (@ 500 VDC)	>200 GΩ
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Base Material	
Body Parts	Brass CuZn39Pb3 / POM
Inner Conductor	Cable data / Beryllium copper

Dielectric Strength DC Test Voltage	>2.0 KV
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Plating	
Body Parts	Nitin-6
Inner Conductor	Nitin-6

Max. Tensile Strength Overall	>30 Kgf
	>294 N

Insulators	POM
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Torsional Strength (Connector / Cable)	* NATM
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