

Item no.	94980375	Jumper type	FM-CXJA+6-FM/CX3/B/0.5
Cable min. bend radius: With Load	5 x Diameter	Cable jacket	PVC
Without Load	10 x Diameter	Diameter (±0.2mm)	6.8 mm

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

Product photo



Transfer Impedance (CoMeT)	Class A+
	<2.5 mΩ/m @ 5-30MHz
	<1.25 mΩ/item @ 5-30MHz
Screening Attenuation(CoMeT)	Class A+
	>95 dB @ 30-1000MHz
	>85 dB @ 1000-2000MHz
	>75 dB @ 2000-3000MHz

Return Loss (IEC 61169-1)	Better than	Typical
0.3 - 500 MHz	-35 dB	-37.8 dB
500 - 860 MHz	-33 dB	-36.2 dB
860 - 1000 MHz	-30 dB	-33.0 dB
1000 - 1750 MHz	-27 dB	-30.4 dB
1750 - 2150 MHz	-25 dB	-27.8 dB
2150 - 3000 MHz	-23 dB	-25.9 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.13 dB	-0.08 dB
500 - 860 MHz	-0.16 dB	-0.11 dB
860 - 1000 MHz	-0.17 dB	-0.12 dB
1000 - 1750 MHz	-0.21 dB	-0.16 dB
1750 - 2150 MHz	-0.22 dB	-0.17 dB
2150 - 3000 MHz	-0.26 dB	-0.21 dB

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

Intermodulation	IM3
3rd Order (@2x+27dBm)	-150 dBc

Inner Conductor Resistance (@ 1 A DC)	<11 mΩ
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Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours
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Insulation Resistance (@ 500 VDC)	>200 GΩ
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O-rings	EPDM
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Dielectric Strength DC Test Voltage	>2.0 KV
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Base Material	
Body Parts	Brass CuZn39Pb3 / POM / Al-foil / Copper
Inner Conductor	Copper

Max. Tensile Strength Overall	>15 Kgf
	>147 N

Plating	
Body Parts	Nitin-6 / Tin
Inner Conductor	-

Torsional Strength (Connector / Cable)	* NATM
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Insulators	PE
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Test performed by	Søren B. Sørensen
Date of release	October 27, 2015

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.*