

Item no.	94984175
Cable min. bend radius	70 mm
Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
(calculated)	7.0 A @10°C increase
	9.8 A @20°C increase

Transfer Impedance (CoMeT)	Class A+
	<2.5 mΩ/m @ 5-30MHz
	<1.3 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	-31 dB	-34.0 dB
500 - 860 MHz	-31 dB	-33.6 dB
860 - 1000 MHz	-29 dB	-31.6 dB
1000 - 1750 MHz	-25 dB	-28.0 dB
1750 - 2150 MHz	-23 dB	-26.3 dB
2150 - 3000 MHz	-21 dB	-23.6 dB

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

Sealing Test (IEC IP-code)	IP X8 30 meter / 8 hours
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O-rings	EPDM
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Base Material	
Body Parts	Brass CuZn39Pb3 / POM (Delrin) / Al-foil / Al
Inner Conductor	Copper

Plating	
Body Parts	Nitin-6
Inner Conductor	-

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

FM-CXJA+6-FM/CX3/B/0.5 (A+)
PVC

Product photo



Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-0.13 dB	-0.08 dB
500 - 860 MHz	-0.15 dB	-0.10 dB
860 - 1000 MHz	-0.16 dB	-0.11 dB
1000 - 1750 MHz	-0.19 dB	-0.14 dB
1750 - 2150 MHz	-0.21 dB	-0.16 dB
2150 - 3000 MHz	-0.26 dB	-0.21 dB

Intermodulation	IM3
3rd Order (@2x+27dBm)	-147 dBc

Inner Conductor Resistance (@ 1 A DC)	<11.1 mΩ
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Insulation Resistance (@ 500 VDC)	>200 GΩ
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Dielectric Strength DC Test Voltage	>2.0 KV
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Max. Tensile Strength Overall	>17.8 Kgf
	>175 N

Torsional Strength (Connector / Cable)	* NATM
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Test performed by	Sven-Erik Sandberg
Date of release	May 13, 2014

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