

Item no. 

78051250
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Connector type 

NF/50-512/50
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For cable 

Draka RFA 1/2"-50 CU
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Frequency Range 

0.3 - 6000 MHz
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Impedance (Nom.) 

50 Ω
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Power Rating 

Cable Data
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Product photo



Screening Attenuation(CoMeT) 

Class A++
>135 dB @ 30-1000MHz
>130 dB @ 1000-2000MHz
>130 dB @ 2000-3000MHz

	Better than	Typical
Return Loss (IEC 61169-1)		
50 - 1000 MHz	-37 dB	-40.4 dB
1000 - 2000 MHz	-32 dB	-35.1 dB
2000 - 3000 MHz	-30 dB	-33.4 dB
3000 - 4000 MHz	-27 dB	-30.0 dB
4000 - 6000 MHz	-17 dB	-20.2 dB
900 MHz	-37 dB	-40.4 dB
1800 MHz	-33 dB	-35.8 dB
2450 MHz	-32 dB	-35.0 dB

	Better than	Typical
Insertion Loss Max.		
50 - 1000 MHz	-0.06 dB	-0.01 dB
1000 - 2000 MHz	-0.06 dB	-0.01 dB
2000 - 3000 MHz	-0.06 dB	-0.01 dB
3000 - 4000 MHz	-0.06 dB	-0.01 dB
4000 - 6000 MHz	-0.12 dB	-0.07 dB
900 MHz	-0.06 dB	-0.01 dB
1800 MHz	-0.06 dB	-0.01 dB
2450 MHz	-0.06 dB	-0.01 dB

Temperature 

-5° to +50° C
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Installing 

-40° to +85° C
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Operating 

-40° to +85° C
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Storing 

-40° to +85° C
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Intermodulation 

IM3
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3rd Order (@2x20W) 

-125 dBm
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Inner Conductor Resistance (@ 1 A DC) 

0.5 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 

2.5 KV
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Base Material 

Brass CuZn39Pb3 / POM C9021LS
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Body Parts 

Tin Bronze BZ4
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Inner Conductor

Max. Tensile Strength Overall 

160 Kgf
1569 N

Plating 

Nitin-6
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Body Parts 

Silver
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Inner Conductor

Torsional Strength (Connector / Cable) 

8.0 Nm
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Insulators 

TPX
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Test performed by 

Sven-Erik Sandberg
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Date of release 

October 21, 2015
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Remarks

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