

Item no. 

76051250
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Connector type 

NM/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 @ 30-100MHz
>130 dB @ 1000-2000MHz
>130 dB @ 2000-3000MHz

	Better than	Typical
Return Loss (IEC 61169-1)		
50 - 1000 MHz	-32 dB	-34.5 dB
1000 - 2000 MHz	-31 dB	-33.5 dB
2000 - 3000 MHz	-27 dB	-29.7 dB
3000 - 4000 MHz	-25 dB	-27.5 dB
4000 - 6000 MHz	-18 dB	-21.2 dB
900 MHz	-35 dB	-38.3 dB
1800 MHz	-33 dB	-35.9 dB
2450 MHz	-29 dB	-31.6 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	-0.07 dB	-0.02 dB
4000 - 6000 MHz	-0.08 dB	-0.03 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  
Installing 

-5° to +50° 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  
3rd Order (@2x20W) 

-117 dBm
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Inner Conductor Resistance (@ 1 A DC) 

1.3 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  
Body Parts 

Brass CuZn39Pb3 / POM C9021LS
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Inner Conductor 

Tin Bronze BZ4
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Max. Tensile Strength Overall 

160 Kgf
1569 N

Plating  
Body Parts 

Nitin-6
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Inner Conductor 

Silver
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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.*