Cabelcon
An Amphenol Company

Datasheet

Item no.	99902008-01	TR-59-1/4-HQ NiTin

Frequency Range	0.3 - 3000 MHz
Impedance (Nom.)	75 Ω
	1/4 W

Product photo

Transfer Impedance (CoMeT)	Class A++
	<0,9 mΩ/m @ 5-30MHz
	<0,02 mΩ/item @ 5-30MHz
Screening Attenuation (CoMeT)	Class A++
	>130 dB @ 30-1000MHz

Return Loss	Better than	Typical
0.3 - 500 MHz	-36 dB	-42,8 dB
500 - 860 MHz	-34 dB	-40,7 dB
860 - 1000 MHz	-32 dB	-39,8 dB
1000 - 1750 MHz	-29 dB	-36,1 dB
1750 - 2150 MHz	-28 dB	-34,4 dB
2150 - 3000 MHz	-26 dB	-31,5 dB

Insertion Loss Max.	Better than	Typical
0.3 - 500 MHz	-	-
500 - 860 MHz	-	-
860 - 1000 MHz	-	-
1000 - 1750 MHz	-	-
1750 - 2150 MHz	-	-
2150 - 3000 MHz	-	-

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

Intermodulation	IM3	IP3-value
3rd Order (@2x100mW)	-120 dBc	+80 dBm

Inner Conductor Resistance (@ 1 A DC): -

Sealing Test (IEC IP-code): N/A

Insulation Resistance (@ 500 VDC): -

Dielectric Strength DC Test Voltage: -

O-rings: -

Base Material

Body Parts	ZinC#3
Inner Conductor	N/A

Max. Tensile Strength Overall: -

Plating

Body Parts	Nitin-6
Inner Conductor	Tin

Torsional Strength (Connector / Cable): -

Insulators	PE
Test performed by	Sven-Erik Sandberg
Date of release	September 21, 2012

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.

Distributor:

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