Inline isolators

SQ702

technetix

- Easy to install
- Class-A screening
- Low leakage current
- Reliable connection due to high quality connectors
- RoHS compliant
- Excellent intermodulation performance
- Class A EMC performance



Overview

Specifications

		MHz	Min	Тур	Мах
Frequency range		5 - 1000			
Insertion loss (dB)	In/Out	5 - 15		1.0	1.0
		15 - 1000		0.8	1.0
Return loss (dB) ¹		5 - 1000	18.0	20.0	
Galvanic isolation (kV)	Inner conductor Input -> Inner conductor Output			2.1	
	Inner conductor Input -> Outer conductor Input			2.1	
	Outer conductor Input -> Outer conductor Output			2.1	
Leakage current (mA)					8
Second harmonic (dBm)		5 - 1000	-105		
Screening effectiveness (dB) ¹		15 - 300	85	95	
		300 - 470	80	90	
		470 - 1000	75	85	
	-25 deg to 35 deg	15 - 1000	Class A		
Connectors	In/Out	F-female			
	Out/In		F-fema	ale	
Impedance (Ohm, typ)		75			
Dimensions (mm)	LxR	100 x 25			
Equipment approval	CE				

Remarks

1 Transfer Impedance Method according to IEC 60728-2(5-30 MHz)

Absorbtion clamp method according to IEC-60728-2 § 4.4 (30-1000 MHz)

Measurements taken at room temperature

Ordering information

lt	Item Name	Article number
	SQ702	44000702

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