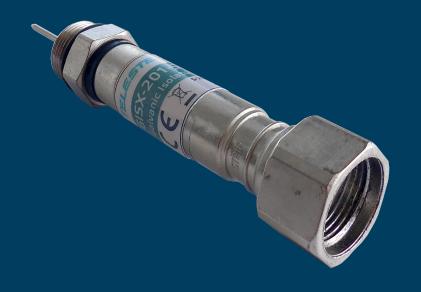
LAST MILE & CONNECTED HOME



Indoor RF passives

# Galvanic isolator **GISX-201-5/8**

The GISX-201-5/8 is a double galvanic isolator with 5/8 male and female connections able to withstand a torque of min. 10 Nm. The next generation isolator has a bandwidth up to 2 GHz, class A Screening Effectiveness and is built in a robust tubular housing.

# GISX-201-5/8 features

- Frequency range 5 2000 MHz
- 5/8 male and female connections
- Outstanding RF performances with low insertion loss
- Class A Screening Effectiveness
- All contacts and housing have a high quality plating

One of Teleste's superior performance products designed for easy installation and reliability.



## **INDOOR RF PASSIVES / GISX-201-5/8**

ELECTRICAL SPECIFICATIONS			
INSERTION LOSS (dB, Max.) - IN to OUT		RETURN LOSS (dB, Min.) - ALL PORTS	
5 - 470 470 - 862 862 - 1000 1000 - 1700 1700 - 2000	0.5 0.7 1.0 1.3 1.8	5 -1000 1000 - 1700 1700 - 2000	18.0 16.0 11.0
ELECTROMAGNETIC COMPATIBILITY (Min., dB)		INTERMODULATION (Min., dBc)	
5 6 - 7.9 8 - 9.9 10 - 300 300 - 470 470 - 1000 1000 - 2000	65 70 80 85 80 75 55	2f1, f1 + f2, 2f2	125 <sup>(1)</sup> 125 <sup>(2)</sup>
GENERAL SPECIFICATIONS			
Safety Isolation (3) 2120 VDC	Inner conductor input to inner conductor output Outer conductor input to outer conductor output		≤ 0.7 mA, ≥ 1 minute ≤ 0.7 mA, ≥ 1 minute
Safety Isolation (3) 230 VAC	Inner conductor input to inner conductor output Outer conductor input to outer conductor output		≤ 2.0 mA RMS ≤ 2.0 mA RMS
Surge immunity (4)	1 kV, 1,2/50μS	Housing	Zinc alloy White Bronze plating
Connector 5/8 female spring 5/8 male pin Hex Nut	Material/plating		Phosphor bronze/NiSn Brass/NiSn Brass/NiSn
Connector torque	max. tightning torque 10 Nm		
Dimensions	Metal housing, incl. conn.		98 mm x Ø 18,75 mm
NOTES			

### NOTES

- (1) Out of the box.
- (2) Two carriers (60 & 65 MHz), applied to the output port, @120dBμV. Measured after 1 pulse 1kV (1,2/50μS) applied to the output port. In accordance with IEC 60728-4.
- (3) According to IEC-60728-11 2007, Safety.
- (4) Surge voltage according to IEC 61000-4-5, EMC (class 2, level 2) applied between the inner and outer conductor of each port.

# **ORDERING INFORMATION**

GISX-201-5/8 Double galvanic isolator with 5/8 male and female connectors, 5-2000 MHz



# **TELESTE CORPORATION**

www.teleste.com

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