



PRODUCT FAMILY	DESCRIPTION
INDOOR RF PASSIVES	GALVANIC ISOLATOR GIS-308

FEATURES



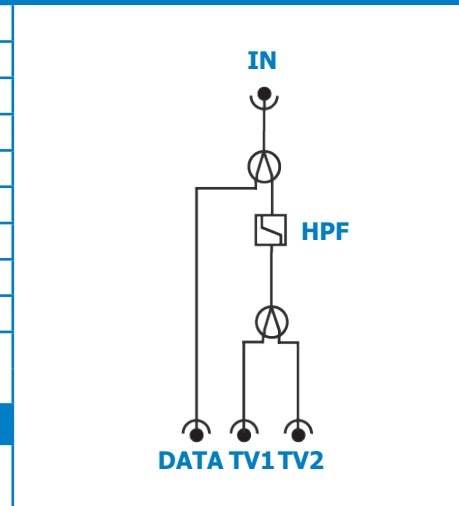
- >> Conforms to IEC 60728-11&10 **SAFETY REQUIREMENTS** and **SCREENING EFFECTIVENESS** IEC 60728-2
- >> **100%** HI-POT test in production
- >> **TV PORT:** Integrated with HPF85 (pass band 85 - 1000 MHz). **IN-DATA:** 5 - 1000 MHz
- >> **BLOCKING CAPACITORS** on all output ports for DC/HUM protection
- >> F port conforms to ANSI/SCTE 02 2006 Standard with 360° inner conductor seizure to ensure **OPTIMAL** holding force and transmission quality
- >> Press-in sealing technology with Aluminum lid for **CORROSION PROTECTION**

SPECIFICATIONS

TEST (-dB)			TEST (-dB)				
		QA	TYP			QA	TYP
INSERTION LOSS IN-TV1.2			INSERTION LOSS IN-DATA				
5 - 65 (MHz)	20 (min.)	28	5 - 1000 (MHz)	6.5	6.0		
85 - 1000	7.5 (max.)	6.7					
ISOLATION TV-TV			ISOLATION TV-DATA				
85 - 1000 (MHz)	20 (min.)	26	5 - 65 (MHz)	40 (min.)	55		
			66 - 1000	20 (min.)	26		
RETURN LOSS IN		QA	TYP	RETURN LOSS TV 1.2		QA	TYP
		(Min.)				(Min.)	
85 - 1000 (MHz)	16	20	85-205 (MHz)	16	19	5-65 (MHz)	16
						66-1000	16
							21

GENERAL **BLOCK DIAGRAM**

Galvanic isolation IEC 60728-11&10 Safety Requirement	Inner Conductor (Input) --> Inner conductor (Output)	2120VDC	0.7 mA
		230VAC	2.0 mA RMS
Screening Effectiveness (IEC 60728)	RFI test by CoMeT with power level: 0 dBm	5-8	100 dB
		9-10	80 dB
		11-300	85 dB
		301-470	80 dB
Operating temperature	-20°C ~ +60°C	Dimensions	70.8 x 59 x 20 mm
Impedance	75 Ω		



ORDERING INFORMATION	
GIS-308	3-way Galvanic isolator, DATA 5-1000 MHz (6dB), 2 x TV 85-1000 MHz (6.7dB)

Teleste reserves the rights to alter specifications, features, manufacturing release dates and even the general availability of the product at any time.