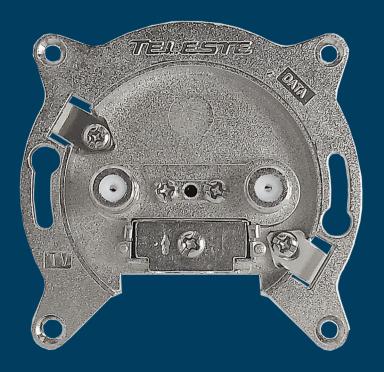
LAST MILE & CONNECTED HOME



Indoor RF passives

2-Port Wall-Outlet, Data - Data, Loop Through TSO-202F/L4

The TSO range of splitter outlets combine high screening efficiency with wideband ports up to 1218MHz with very low port losses and high isolation performance. With outstanding inner spring resilience to ensure good contact pressure and with easy access front cable connection, installation is swift and reliable.

TSO-202F/L4 features

- Frequency range up to 1218 MHz
- Class A screening effectiveness
- Outstanding RF performance
- All ports featuring F-female connectors
- Zinc Die-cast Housing with Nickel Plating

One of Teleste's unique and award winning superior performance passives designed for easy installation and reliability.



INDOOR RF PASSIVES / TSO-202F/L4

SPECIFICATIONS			
Insertion Loss (dB, Max.)			
In to Output		In to Data	
Frequency (MHz)			
5 - 10 10 - 65 65 - 470 470 - 862 862 - 1006 1006 - 1218	3.8 3.8 3.8 4.2 4.8 5.5	5 - 10 10 - 65 65 - 470 470 - 862 862 - 1006 1006 - 1218	7.2 7.3 7.3 8.0 8.3 8.5
Return Loss (dB, Min.)			
All Ports			
5 - 10 10 - 1006 1006 - 1218		22.0 20.0 ⁽¹⁾ 12.0	
Isolation (dB, Min.)			
Out to Out			
5 - 10 10 - 65 65 - 470 470 - 862 862 - 1006 1006 - 1218		30.0 35.0 26.0 22.0 20.0 20.0	
Electromagnetic compatibility (2)	(dB, Min.)		
5 - 300 300 - 470 470 - 950 950 - 1218		85 80 75 55	
GENERAL SPECIFICATIONS			
Frequency range	5 – 1218 MHz	Nominal impedance	75 Ohm
Output connectors	F female	Dimensions	69 x 64,5 x 35 mm
Weight	0,097 kg	Surge immunity	1 kV, 1.2/50µS ⁽⁵⁾
Intermodulation ⁽³⁾ (2f1, f1 + f2, 2f2) (dBc, Min.)	122.0 ^(a) 115.0 ^(b)	Safety Isolation	Inner conductor input to inner conductor output
		2120 VDC	\leq 0.7 mA, \geq 1 minute ⁽⁴⁾
		230 VAC RMS, 50/60 Hz	\leq 8.0 mA RMS $^{(4)}$
Housing (material/plating)	Zinc die-cast / nickel plated Steel back lid / tin plated	Connectors (material/plating)	
		Spring of F female	Phosphor bronze/Nickel
EMC compatibility	EN 50083-2	Product approval	CE

Notes:

- (1) * F > 40 MHz -1.5 dB/oct, with a minimum of 16 dB (2) Class A, according to IEC 50083-2 (3) Two carriers (60 & 65 MHz), applied to (each)output port, @120dB μ V

- (a) No surge
 (b) Measured after 10 pulses 25VDC (1,2/500µS) applied to each port
 (4) According to IEC-60728-11 2007, Safety
 (5) Surge voltage according to IEC 61000-4-5, EMC (class 2, level 2) applied between the inner and outer conductor of each port

GENERAL SPECIFICATIONS

TSO-202F/L4

2-Port Wall-Outlet, Data - Data with Loop Through



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