



Indoor RF passives

2-Port Wall-Outlet, Data - Data, Terminated **TSO-202F**

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 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.

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INDOOR RF PASSIVES / TSO-202F

SPECIFICATIONS			
Insertion Loss (dB, Max.)			
In to Output			
Frequency (MHz)	Typ.	Max.	
5 - 10	3.0	3.5	
10 - 65	3.2	3.7	
65 - 470	3.3	3.8	
470 - 862	3.6	4.1	
862 - 1006	3.8	4.3	
1006 - 1218	4.0	4.6	
Return Loss (dB, Min.)			
All Ports			
5 - 10			22.0
10 - 1218			22.0 ⁽¹⁾
Isolation (dB, Min.)			
Out to Out			
5 - 10			30.0
10 - 65			35.0
65 - 470			30.0
470 - 862			26.0
862 - 1006			26.0
1006 - 1218			23.0
Electromagnetic compatibility ⁽²⁾ (dB, Min.)			
5 - 300			85
300 - 470			80
470 - 950			75
950 - 1218			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
			230 VAC RMS, 50/60 Hz
			≤ 0.7 mA, ≥ 1 minute ⁽⁴⁾
			≤ 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 14.5 dB			
(2) Class A, according to IEC 50083-2			
(3) Two carriers (60 & 65 MHz), applied to (each)output port, @120dBµV			
(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	2-Way Splitter, 5-1218MHz, System Outlet, Terminated		

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