



Indoor RF passives

4-Way Multitap **3POC427**

The 3POC427 is a compact Multitap with a 4 way flat output. It can be combined with our 3DMV12C9-IEC to make a 16 way Multitap.

3POC427 features

- Bandwidth: 5 - 1218 MHz
- 27dB tap loss flat output
- Class A (+10dB exceeding) screening effectiveness
- Multi mounting option allows fitting in horizontal or vertical planes as required for connector presentation
- Plating NiSn
- Add-on for 3DMV12C9-IEC in PoP/PoC project

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

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INDOOR RF PASSIVES / 3POC427

ELECTRICAL SPECIFICATIONS					
INSERTION LOSS (dB)		ISOLATION (dB)			
Frequency (MHz) IN > OUT		Frequency (MHz) IN>OUT			
5 - 470	≤1.0	5 - 15	≥35.0		
470 - 1218	≤1.5	15 - 204	≥40.0		
		204 - 1218	≥35.0		
IN > TAP					
5 - 1006	27 ± 1.0				
470 - 1218	27 ± 1.5				
RETURN LOSS (dB) - All					
Frequency (MHz)					
5 - 10	22.0				
10 - 1006	22.0 ⁽¹⁾				
1006 - 1218	16.0 ⁽²⁾				
GENERAL SPECIFICATION					
Impedance	75 ohm	Connectors	Molded F-female acc. IEC61169-24		
Dimensions	32 x 42 x 80 mm	EMC compatibility	Frequency (MHz)		
Surge immunity	1 kV, 1.2/50 µsec ⁽⁴⁾			5 - 300	≥85.0 ⁽³⁾
Plating	NiSn			300 - 470	≥80.0
		470 - 950	≥75.0		
		950 - 1218	≥55.0		
NOTES					
(1) At F>40 MHz -1.5 dB/oct with 16 dB minimum					
(2) Degrading to 14.5 dB @ 1.218 MHz					
(3) Exceeding Class A (+10dB), according to IEC 60728-2 2010 (new 2012), EMC					
(4) 1 kV, 1,2/50 µs Surge voltage according to IEC 61000-4-5, EMC (class 2, level 2)					
BLOCK DIAGRAM					
ORDERING INFORMATION					
3POC427	4 way Compact Multitap				

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TELESTE CORPORATION
www.teleste.com

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