

TXJTP12-2000



Overview

The TXJTP12-2000 is a 1.2GHz -20dB test probe to easily access 5/8" ports in outdoor applications such as access amplifiers and outdoor splitters and taps. With this tool you can test the levels of both upstream and downstream without disconnecting the cables from the installed unit.

Typical Application:

This test / injection probe operates from 5 to 1218 MHz and shows high measurement accuracy. The Test Probe's output - fitted with an F female connector - is 20 dB below the main level and the frequency response remains exemplary.

This probe is dedicated to applications with a 5/8" entry port. The probe connects directly into the boss of the die cast housing and allows level measurements of the downstream or upstream signals without the need of disconnecting the input or output cable from the passive. The great advantage of not needing to disconnect the

network, gives the subscribers an uninterrupted service on both the downstream and upstream TV signals and services.

The test probe can also be used as an injector while testing and aligning the return path, without the need to use the amplifier's test points.

RF and electrical specifications

		MHz	Min	Typ	Max
Frequency range (MHz)		5 - 1218			
Test port (dB)				20	
Return loss (dB) ²					18
Insertion loss (dB)	Introduced in line	5 - 1218		1	1.5
Test point accuracy (dB)		10 - 1218		±1	
AC protected (VAC)		90			

Mechanical and other specifications

		MHz	Min	Typ
EMC (dB) ¹		5 - 300	75	85
		300 - 470	75	80
		470 - 1218	65	75
Connectors	Input connector	Dielectric insertion		
	Output connector	F Female		
	Test probe Thread	5/8-24		
Temperature range (°C)	Operational	-10 to +45		
	Storage	-20 to +85		
Marking	CE / RoSH compliant			

Remarks

- 1 According IEC 60728-2 § 4.4. (30 – 1000MHz) IEC 60728-2 (5 - 30MHz)
Unit is RoSH compliant Class A
- 2 At F = 40 MHz F > 40 MHz -1,5 dB/octave

All mentioned specifications are preliminary and based on the first design. Final specifications will be confirmed after the first production run. Specifications can change during the design based on best practice.

Other products used with this product are:

Item Name	Article number
OSCVX-02	19006748
OSVCX-03	19006750
OSVCX-04	19006754
OSVCX-33	19006752
DBC-1200	19006000
DBC-1200S	19006850
DBD-1200	19006001
DBE-1200	19008431
DBE-1200S	19008434

Ordering information:

Item Name	Article number
TXJTP12-2000	19008862

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