TPIF-20-1800 1.8GHz Test Probe

A BELDEN BRAND

Features & Benefits

- Use at any Line Passive or Line Tap
- Blocks AC power to keep your technician safe
- Has narrow probe to access 1.8GHz (and higher) frequency seizures
- Probe tip is replaceable in the event it's damaged
- Creates -20dB test point to measure the spectrum 5 - 1800MHz without service interruption
- Push button introduces approx. 6dB of loss in the return band to locate ingress



TPIF-20-1800 Test Probe

Overview

The TPIF-20-1800 test probe is a device that can screw into an open 5/8-inch x 24 port on any line passive or tap to make contact with the seizure mechanism allowing the tech to make forward and return path measurements and tests without disconnecting/disrupting existing connections or signals.

Once the TPIF-20-1800 has been appropriately attached, a tech can measure both the forward and return signals -20dB down from actual levels. Pushing the button on the TPIF-20-1800 will attenuate the 5 – 30MHz return spectrum by about 6dB, assisting the tech to determine the source of ingress noise.

The TPIF-20-1800 has a narrow tip allowing it to be used with all known 1800MHz passives. The probe tip is field-replaceable in the event that it is broken or bent.

Technical Data

Specification	Value
Frequency Range	5 - 1800MHz
Insertion Loss (passive port to probe output)	-20dB +/-3dB
Change to Passive Insertion Loss with Probe Inserted	< 4dB 5 - 1800MHz
Additional Insertion Loss with Button Depressed	6.5 - 8.0dB 5 - 30MHz

Ordering Information

Part Number	Description
TPIF-20-1800	Power blocking test probe with ingress finder 5 - 1800MHz Includes two "extra" replacement probe tips
TPIF-TIP-2	Two replacement probe tips for the TPIF-20-1800

r1_10072025

These products may be protected by one or more patents. For further information, please visit: www.ppc-online.com/patents

6176 E. Molloy Rd. East Syracuse, NY 13057
bbs.cs@belden.com
1-800-800-6652 • +1 315-431-7200
www.ppc-online.com