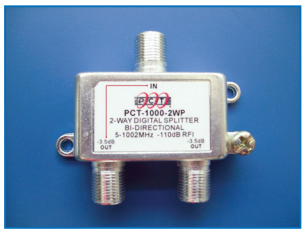
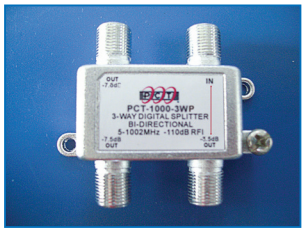
DROP PASSIVES
Gold Series, Power Passing Splitters
PCT-1000-xWP

Innovation for the Last Mile®





Features and Benefits

- ✓ True Performance
  - One port power passing 500 mA
  - 1 GHz bandwidth
  - Flat frequency response
  - High return loss
  - -110 dB shield effectiveness (RFI)
  - Printed circuit board construction
- ✓ Convenience & Ease of Installation
  - Individually plastic packaged with screws
  - Machine threaded ports
  - Solder back housings
- ✓ Protection & Prevention
  - Zinc alloy die-cast housing, tin plated

General Specifications

Nominal Impedance	75 Ohms
Insertion Loss Flatness	± 0.5 dB

Ordering Information

PCT-1000-2WP	Splitter, Gold Series, 1 GHz, 2-Way, Power Passing, Solder Back
PCT-1000-3WP	Splitter, Gold Series, 1 GHz, 3-Way, Power Passing, Solder Back
PCT-1000-3WBP	Splitter, Gold Series, 1 GHz, 3-Way, Power Passing, Solder Back, Balanced
PCT-1000-4WP	Splitter, Gold Series, 1 GHz, 4-Way, Power Passing, Solder Back
PCT-1000-6WP	Splitter, Gold Series, 1 GHz, 6-Way, Power Passing, Solder Back
PCT-1000-8WP	Splitter, Gold Series, 1 GHz, 8-Way, Power Passing, Solder back

Specifications

PCT-1000-xWP

Tap Value (Typical / dB)

Parameters	2-Way	3-Way	3-Way Balanced	4-Way	6-Way	8-Way
Insertion Loss						
5 to 47 MHz	3.5	3.5 / 6.9	5.8	6.9	9.3	10.3
48 to 450 MHz	3.9	3.9 / 7.3	6.2	7.3	9.6	11.0
451 to 750 MHz	3.9	3.9 / 7.5	6.5	7.5	9.9	11.5
751 to 1002 MHz	4.0	4.0 / 8.0	7.0	8.0	11.0	12.5
Isolation Loss						
5 to 47 MHz	20	25	25	25	25	25
48 to 450 MHz	26	24	25	24	24	24
451 to 750 MHz	22	23	24	23	22	22
751 to 1002 MHz	22	21	22	21	21	21
In-Out Return Loss						
5 to 47 MHz	20	18	18	18	18	18
48 to 450 MHz	22	21	21	20	22	22
451 to 750 MHz	20	21	21	20	20	20
751 to 1002 MHz	18	18	18	18	18	18