

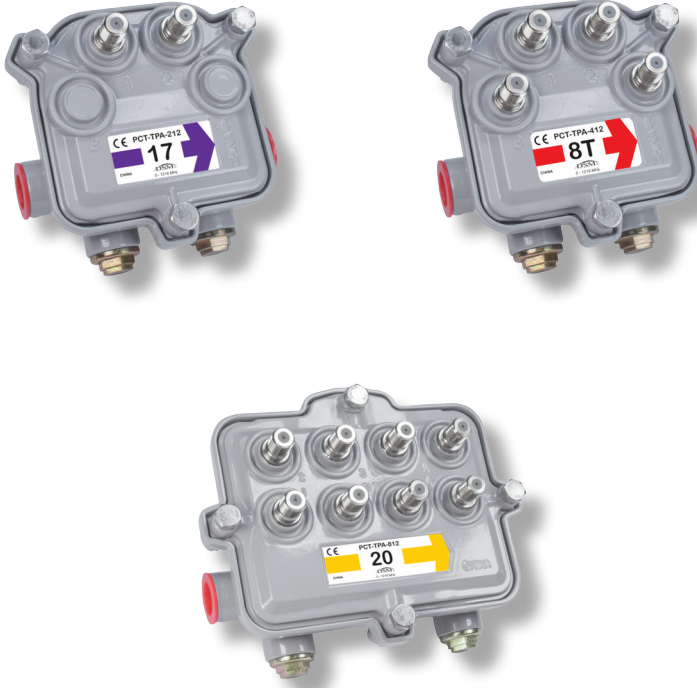
LINE PASSIVES

Multimedia Taps, 1.2 GHz

PCT-TPA-212-xx, PCT-TPA-412-xx, PCT-TPA-812-xx



Innovation for the Last Mile®



OVERVIEW

- ✓ Optimized for 1.2 GHz DOCSIS 3.1 Systems
- ✓ 1.2 GHz bandwidth with minimal insertion loss
- ✓ 100 dB shielding effectiveness (RFI)
- ✓ Uninterrupted power passing
- ✓ Higher current rating to meet new plant designs

Features and Benefits

- ✓ Patented DSM seizure technology provides increased spring retention for better surface contact and electrical performance (patent #6450836)
- ✓ Stainless steel hardware and aluminum port caps for corrosion resistance
- ✓ Aluminum alloy housing with weather resistant powder coating
- ✓ Weather seal gasket ensures water tight protection, tested at 15 psi
- ✓ Umbrella-effect housing design prevents accumulation of water at ports
- ✓ Weatherproof, self-sealing 'F' ports prevent breathing through ports when subscriber is disconnected
- ✓ Nickel-plated, brass 'F' ports offer increased strength and protection against corrosion in severe environmental conditions
- ✓ Color coded tap values
- ✓ Heat shrink ridges on tap ports for easy installation
- ✓ Conforms to all applicable SCTE standards

General Specifications

Nominal Impedance	75 Ohms
Power Passing	12 A, 90V AC (In-Out)
High Voltage Blocking Capacitors	All ports
Surge Withstand	All tap ports: IEEE C62.41-1991 Cat. A3 (6000 V, 200 Amp, 0.5 ms - 100 kHz Ring Wave) In-Out ports: IEEE C62.41-1991 Cat. B3 (6000 V, 3000 A, 1.2 / 50 μ s - 8 / 20 μ s Combination Wave)
Waterproof Condition	15 psi (1.0 kg / cm ²)
Regulatory Compliance	CE, RoHS



Call +1.800.306.8948 or email pctcustomerservice@pctintl.com for more information

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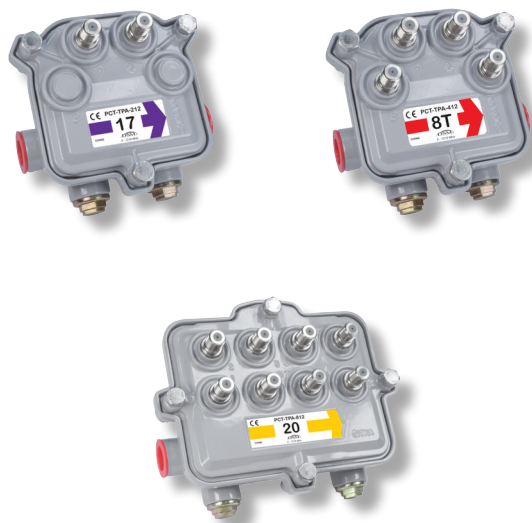
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Ordering Information

PCT-TPA-212-xx	Tap, Outdoor, Traditional Series, 1.2 GHz, 2-Way
PCT-TPA-412-xx	Tap, Outdoor, Traditional Series, 1.2 GHz, 4-Way
PCT-TPA-812-xx	Tap, Outdoor, Traditional Series, 1.2 GHz, 8-Way

How to Configure Part Numbers:

Replace "xx" with tap value suffix indicator shown below:

Tap Value	Color	Traditional Series (xx)
04	Blue	4T
08	Red	8 (8T for 4-Way)
11	Black	11 (11T for 8-Way)
14	Green	14
17	Purple	17
20	Gold	20
23	Red-Brown	23
26	Orange	26
29	Dark Blue	29
32	Brown	32
35	Magenta	35

