

REVERSE WINDOW TAPS

New reverse window taps work with today's high output amplifiers and nodes!

PCT's reverse window taps provide 23 dB of insertion loss in the return path while maintaining higher insertion loss (26, 29, and 32 dB) in the forward path to allow the proper functioning of the return path without sacrificing the higher output levels of modern amplifiers and nodes.

- 1002 MHz bandwidth with minimal insertion loss
- 110 dB shielding effectiveness (RFI)
- Uninterrupted power passing
- Higher current rating to meet new plant designs
- Conforms with all applicable SCTE standards
- Traditional series is compatible with popular Scientific Atlanta taps



Available in 2, 4 and 8-way body housings.



GENERAL SPECIFICATIONS

Nominal Impedance:	75 Ohms
Power Passing:	12 amps, 90 VAC through "IN" and "OUT" port
High Voltage Blocking Capacitors:	All ports
Surge Withstand:	All tap ports at IEEE C62.41-1991 Category A3 (0.5 μ s - 100 kHz Ring Wave, 6000 V, 200 Amp) Input / Output ports at IEEE C62.41-1991 Category B3 (1.2/50 μ s - 8/20 μ s Combination Wave, 6000 V, 3000 Amp)
Waterproof Condition:	15 psi (1.0 kg/cm ²)
Insertion Loss*:	IN-OUT at 0.5 dB maximum
Return Loss*:	IN-OUT at 15 dB maximum

*: Power passing bar only with faceplate removed

ORDERING INFORMATION

PART NO.	DESCRIPTION
PCT-TP-212-xxF/23R	Tap, Outdoor, Traditional Series, Reverse Window, 1002 MHz, 2-Way
PCT-TP-412-xxF/23R	Tap, Outdoor, Traditional Series, Reverse Window, 1002 MHz, 4-Way
PCT-TP-812-xxF/23R	Tap, Outdoor, Traditional Series, Reverse Window, 1002 MHz, 8-Way

Note: F = Forward, R = Reverse

How to configure part numbers:
Replace "xx" with tap 26, 29, or 32 dB

Reverse Window Tap Label Colors:

Tap Value	Color
26F/23R	Orange / Dark Brown
29F/23R	Dark Blue / Dark Brown
32F/23R	Light Brown / Dark Brown

SPECIFICATIONS

SPECIFICATIONS	PCT-TP-212-xxF/23R Traditional Series			PCT-TP-412-xxF/23R Traditional Series			PCT-TP-812-xxF/23R Traditional Series		
	TAP VALUE	TAP VALUE	TAP VALUE	TAP VALUE	TAP VALUE	TAP VALUE	TAP VALUE	TAP VALUE	
INSERTION LOSS (Max)	26	29	32	26	29	32	26	29	32
5 - 42 MHz	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
42 - 450 MHz	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
450 - 550 MHz	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
550 - 750 MHz	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
750 - 860 MHz	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
860 - 1002 MHz	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
TAP LOSS IN-TAP \pm 1.5 dB (Max)									
5 - 65 MHz	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
65 - 250 MHz	23.5	24.5	25.0	24.0	24.0	25.0	24.0	24.0	24.0
250 - 450 MHz	24.5	25.5	27.0	25.0	26.0	26.5	25.0	25.5	26.5
450 - 550 MHz	25.0	26.5	28.0	26.0	27.0	28.5	25.5	26.0	28.0
550 - 750 MHz	25.5	27.5	30.0	26.0	28.0	30.0	26.0	28.0	29.5
750 - 860 MHz	26.0	28.5	31.0	26.0	29.0	31.0	26.0	28.5	31.0
860 - 1002 MHz	26.0	29.0	32.0	26.0	29.0	32.0	26.0	29.0	32.0
ISOLATION TAP-OUT (Min)									
5 - 42 MHz	32	32	32	32	32	32	32	32	35
42 - 450 MHz	27	30	30	27	30	30	30	30	30
450 - 1002 MHz	27	27	27	27	27	27	30	30	30
ISOLATION TAP-TAP (Min)									
5 - 42 MHz	25	25	25	25	25	25	25	25	25
42 - 1002 MHz	22	22	22	22	22	22	22	22	22
RETURN LOSS IN-OUT-TAP (Min)									
5 - 42 MHz	20	20	20	20	20	20	20	20	20
42 - 1002 MHz	18	18	18	18	18	18	18	18	18
HUM MODULATION (12 amps) (Min)									
5 - 10 MHz	60	60	60	60	60	60	60	60	60
10 - 50 MHz	70	70	70	70	70	70	70	70	70
50 - 1002 MHz	65	65	65	65	65	65	65	65	65

Units = dB