

DROP PASSIVES

Drop Tap, 1-Way, Gold Series

PCT-IT1W-xx



Innovation for the Last Mile®

Features and Benefits

True Performance

- ✓ 1 GHz bandwidth
- ✓ Flat frequency response
- ✓ High return loss
- ✓ -110 dB shield effectiveness (RFI)
- ✓ Printed circuit board construction

Convenience and installation ease

- ✓ Individually plastic packaged with screws
- ✓ Machine threaded ports
- ✓ Solder back housing

Protection and prevention

- ✓ Zinc alloy die-cast housing, tin plated



General Specifications

Parameter	Value
Nominal impedance	75 Ohms
Insertion loss flatness	± 0.5 dB

Specifications

MHz	PCT-IT1W-xx							
	Tap Value (Typical / dB)							
	06	09	12	14	17	20	23	26
Insertion Loss (In / Out)								
5 - 47	2.6	2.0	1.1	1.0	1.0	1.0	1.0	0.8
48 - 450	2.8	1.8	1.0	1.0	0.8	0.8	0.8	0.8
451 - 750	3.0	2.2	1.4	1.2	1.1	1.1	1.1	1.0
751 - 1002	3.2	2.5	1.6	1.4	1.3	1.3	1.3	1.0
Isolation Loss (Tap Out)								
5 - 47	23	23	27	27	31	35	35	39
48 - 450	23	23	27	27	26	35	35	36
451 - 750	22	20	22	24	21	30	30	33
751 - 1002	20	20	20	20	21	25	25	30
Return Loss (In / Out / Tap)								
5 - 47	16	16	18	18	18	20	20	20
48 - 450	18	18	20	20	20	20	20	20
451 - 750	18	18	20	20	20	20	20	20
751 - 1002	16	16	18	18	18	18	18	18

Ordering Information

Part Number	Description
PCT-IT1W-06	Gold Series, 1 GHz, 1-Way Drop Tap, 6 dB
PCT-IT1W-09	Gold Series, 1 GHz, 1-Way Drop Tap, 9 dB
PCT-IT1W-12	Gold Series, 1 GHz, 1-Way Drop Tap, 12 dB
PCT-IT1W-14	Gold Series, 1 GHz, 1-Way Drop Tap, 14 dB
PCT-IT1W-17	Gold Series, 1 GHz, 1-Way Drop Tap, 17 dB
PCT-IT1W-20	Gold Series, 1 GHz, 1-Way Drop Tap, 20 dB
PCT-IT1W-23	Gold Series, 1 GHz, 1-Way Drop Tap, 23 dB
PCT-IT1W-26	Gold Series, 1 GHz, 1-Way Drop Tap, 26 dB

STAY INFORMED - FOLLOW US

