

gold series - splitters

features and benefits

True performance

- ✓ Guaranteed minimum specifications
- ✓ 1 GHz bandwidth
- ✓ Flat frequency response
- ✓ High return loss
- ✓ -120 dB shield effectiveness (RFI)
- ✓ Printed circuit board construction

Convenience and installation ease

- ✓ Individually plastic packaged with screws
- ✓ Machine threaded ports
- ✓ Half moon boss at port base
- ✓ Solder back or tongue/groove housings

Protection and prevention

- ✓ Zinc alloy die-cast housing, tin plated

general specifications

parameter	value
Nominal impedance	75 Ohms
Insertion loss flatness	± 0.5 dB

ordering information

part number	description
PCT-1000-2W	Splitter, gold series, 1 GHz, 2-way, solder back
PCT-1000-3W	Splitter, gold series, 1 GHz, 3-way, solder back
PCT-1000-3WB	Splitter, gold series, 1 GHz, 3-way bal, solder back
PCT-1000-4W	Splitter, gold series, 1 GHz, 4-way, solder back
PCT-1000-6W	Splitter, gold series, 1 GHz, 6-way, solder back
PCT-1000-8W	Splitter, gold series, 1 GHz, 8-way, solder back

specifications

MHz	PCT-1000-xW					
	Tap Value (Typical / dB)					
	2-way	3-way	3-way balanced	4-way	6-way	8-way
Insertion Loss						
5 - 47	3.5	3.5 / 6.9	5.8	6.9	9.3	10.3
48 - 450	3.9	3.9 / 7.3	6.2	7.3	9.6	11.0
451 - 750	3.9	3.9 / 7.5	6.5	7.5	9.9	11.5
751 - 1002	4.0	4.0 / 8.0	7.0	8.0	11.0	12.5
Isolation Loss						
5 - 47	20	25	25	25	25	25
48 - 450	26	24	25	24	24	24
451 - 750	22	23	24	23	22	22
751 - 1002	22	21	22	21	21	21
Return Loss (In/Out)						
5 - 47	20	18	18	18	18	18
48 - 450	22	21	21	20	22	22
451 - 750	20	21	21	20	20	20
751 - 1002	18	18	18	18	18	18

