

POWER SPLITTERS

25-1000 MHz

We offer a full line of Power Splitters. The 47-02-XXN and 47-35-XXN series is a hybrid design which provides 20 dB or more of port-to-port isolation. They are typically used on receiver multicoupler applications. They provide low loss above the splitting loss and cover a very wide frequency range. N connectors are standard but other connectors are available. Standard finish is gold Alodine.



Electrical Specifications	47-02-02N	47-02-04N	47-35-02N	47-35-04N	47-35-08N
Frequency Range, MHz	25-512	25-512	350-1000	350-1000	350-1000
Impedance, Ohms	50	50	50	50	50
Number of Outputs	2	4	2	4	8
Split Loss, dB	3	6	3	6	9
Insertion Loss, dB	.3	.5	.3	.3	1.0
VSWR (All Ports)	< 1.2:1	< 1.2:1	< 1.25:1	< 1.25:1	< 1.4:1
Port to Port Isolation	20	20	20	20	20
Power Rating Watts	RX Only				
Split Ratio	50%	25%	50%	25%	12.5%
Connectors (All Ports)	N-Female / BNC				
Mechanical Specifications	47-02-02N	47-02-04N	47-35-02N	47-35-04N	47-35-08N
Length, in (mm)	3.5 (89)	3.5 (89)	3.5 (89)	3.5 (89)	3.5 (89)
Height, in (mm)	1.0 (25.4)	1.0 (25.4)	1.0 (25.4)	1.0 (25.4)	1.0 (25.4)
Width, in (mm)	2.25 (57)	4.25 (114)	2.25 (57)	4.25 (114)	8.05 (204)
Weight, lbs (Kg)	.5 (0.23)	.96 (0.435)	.4 (0.181)	.96 (0.435)	2.6 (1.17)
Mounting	Tray/Deck				