

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	47-02-02	47-02-04	47-35-02	47-35-04	47-35-08
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	47-02-02	47-02-04	47-35-02	47-35-04	47-35-08
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 (230)	.96 (435)	.4 (185)	.96 (435)	2.6 (1150)
Mounting	Tray/Deck				