



IN-PHASE 2-WAY SMA DIVIDER/COMBINER

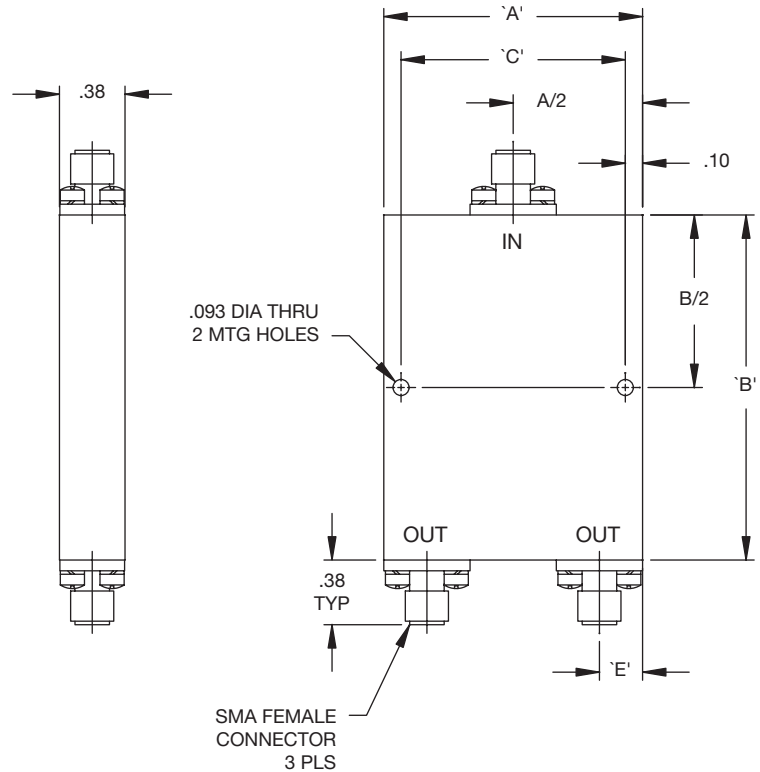
YL SERIES

GENERAL SPECIFICATIONS

RF Power The power handling capability for load VSWR's less than 1.50 is 1 Watt CW and 1KW peak for frequencies up to 2 GHz, and 400mW CW and .4KW peak for frequencies from 2GHz to 18GHz.

Temperature -55°C to +85°C Operating

RF Impedance 50 Ohms



Model No.	Frequency Range GHz	Max In/Out VSWR	Max Insertion Loss dB	Min Iso. dB	Phase Balance Degrees	Amp Balance dB	"A" in	"B" in	"C" in	"D" in	"E" in
YL-70	0.5-2.0	1.25/1.20	0.5	20	2	0.2	1.30	1.75	1.10	0.88	0.20
YL-23	1.0-2.0	1.25/1.20	0.3	20	2	0.2	1.00	1.75	0.80	0.88	0.20
YL-71	1.0-4.0	1.30/1.20	0.5	20	2	0.2	1.00	1.75	0.80	0.88	0.20
YL-25	1.5-3.0	1.25/1.20	0.3	20	3	0.2	0.80	1.25	0.60	0.63	0.20
YL-33	2.0-4.0	1.25/1.20	0.3	21	3	0.2	0.85	1.00	0.65	0.50	0.20
YL-48	4.0-8.0	1.30/1.25	0.4	18	4	0.3	0.85	0.75	0.65	0.30	0.20
YL-74	6.0-18.0	1.50/1.40	1	16	6	0.4	0.85	0.82	0.65	0.38	0.20
YL-90	8.0-12.4	1.40/1.35	0.6	18	3	0.2	0.85	0.82	0.65	0.38	0.20
YL-92	12.0-18.0	1.50/1.40	0.7	18	6	0.3	0.85	0.82	0.65	0.38	0.20
YL-78	2.0-18.0	1.50/1.40	1.1	18	8	0.4	0.85	1.50	0.65	0.75	0.20
D3225	0.225-2.5	1.50	1.0	13	3	0.25	0.26	1.0	-	-	-

Many other Power Dividers / Combiners are available at Aeroflex-KDI, Please contact us with your requirements.