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TECHNOLOGY GROUP

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SINGLE JUNCTION ISOLATORS

Frequency Range	Model Number	Isolation Min	Insertion Loss Max	VSWR Max	Technical Drawing
0.40 - 0.50	D3I0405	16	0.60	1.40	
0.50 - 0.55	D3I0555	20	0.40	1.25	
0.50 - 0.70	D3I0507	16	0.70	1.35	
0.525 - 0.60	D3I0560	20	0.40	1.25	
0.60 - 0.70	D3I0670	20	0.40	1.25	
0.70 - 0.80	D3I0780S	20	0.40	1.25	
0.70 - 0.80	D3I0780N	20	0.40	1.25	
0.698 - 1.00	D3I0710S	16	0.60	1.40	
0.698 - 1.00	D3I0710N	16	0.60	1.40	
0.80 - 0.90	D3I0890	20	0.40	1.25	
0.80 - 1.00	D3I0810S	20	0.40	1.25	
0.80 - 1.00	D3I0810N	20	0.40	1.25	
0.80 - 2.00	D3I0802S	14	1.00	1.50	
0.80 - 2.00	D3I0802N	14	1.00	1.50	
0.95 - 1.225	D3I9525S	20	0.40	1.25	
0.95 - 1.225	D3I9525N	20	0.40	1.25	
0.95 - 1.70	D3I9517S	18	0.50	1.30	
0.95 - 1.70	D3I9517N	18	0.50	1.30	
0.95 - 2.15	D3I9521S	12	1.00	1.65	
0.95 - 2.15	D3I9521N	12	1.00	1.65	
1.00 - 2.00	D3I0102S	18	0.50	1.30	
1.00 - 2.00	D3I0102N	18	0.50	1.30	
1.20 - 1.40	D3I0112	20	0.40	1.25	
1.40 - 1.60	D3I0116	20	0.40	1.25	
1.50 - 3.00	D3I1530	16	0.70	1.40	
1.50 - 2.50	D3I1525	16	0.60	1.40	
1.60 - 1.80	D3I0118	20	0.40	1.25	
1.70 - 2.00	D3I0120	20	0.40	1.25	
1.70 - 2.00	D3I1720S	20	0.40	1.25	
1.70 - 2.00	D3I1720N	20	0.40	1.25	

1.70 - 2.20	D3I1722S	20	0.40	1.25	
1.70 - 2.20	D3I1722N	20	0.40	1.25	
1.70 - 2.50	D3I1725	17	0.60	1.35	
1.70 - 2.70	D3I1727	20	0.50	1.30	
2.00 - 2.30	D3I0223	20	0.40	1.25	
2.00 - 4.00	D3I2040	18	0.50	1.30	
2.00 - 6.00	D3I2060	14	0.80	1.50	
2.00 - 8.00	D3I2080	9	1.75	2.10	
2.30 - 2.70	D3I2327S	20	0.40	1.25	
2.30 - 2.70	D3I2327N	20	0.40	1.25	
2.60 - 5.20	D3I2652	18	0.60	1.30	
2.60 - 5.30	DMI2652	15	1.00	1.50	
3.00 - 6.00	D3I3060	18	0.50	1.30	
3.00 - 9.00	D3I3090	14	1.00	1.50	
3.40 - 4.20	D3I3442	20	0.40	1.25	
3.50 - 7.00	D3I3570	17	0.50	1.35	
3.70 - 4.20	D3I3742	23	0.30	1.15	
3.70 - 8.30	D3I3783	17	0.60	1.35	
4.00 - 8.00	D3I4080	20	0.40	1.25	
4.00 - 12.00	D3I4012	14	1.00	1.50	
4.40 - 5.00	D3I4450	23	0.30	1.15	
5.00 - 10.70	DMI5011	15	1.00	1.45	
5.00 - 15.00	D3I5015	14	1.00	1.50	
5.40 - 5.90	D3I5459	23	0.30	1.15	
5.70 - 7.10	D3I5771	18	0.50	1.30	
5.80 - 14.50	D3I5814	15	0.80	1.30	
5.90 - 6.40	D3I5964	23	0.30	1.15	
6.00 - 12.40	D3I6012	17	0.60	1.35	
6.00 - 18.00	DMI6018	14	1.00	1.50	
7.00 - 11.00	D3I7011	20	0.50	1.25	
7.00 - 12.40	D3I7012	18	0.50	1.30	
7.00 - 18.00	D3I7018	15	1.00	1.50	
7.50 - 10.00	D3I7510	20	0.50	1.25	
7.70 - 8.40	D3I7784	23	0.30	1.20	
8.00 - 12.40	D3I8012	20	0.50	1.25	
8.00 - 16.00	D3I8016	17	0.60	1.35	
8.00 - 18.00	D3I8018	16	0.80	1.45	
8.00 - 20.00	D3I8020	15	1.00	1.45	
8.50 - 9.60	D3I8596	23	0.30	1.20	
9.20 - 10.50	D3I9211	23	0.30	1.20	
10.00 - 20.00	D3I1020	16	0.70	1.40	
10.70 - 11.70	D3I1112	23	0.30	1.20	
10.70 -12.75	D3I1012	23	0.30	1.20	
10.70 - 14.80	D3I1014	23	0.30	1.20	

11.70 - 12.70	D3I1213	23	0.30	1.20	
12.00 - 18.00	D3I1218	20	0.50	1.25	
12.75 -14.50	D3I1214	23	0.30	1.20	
14.00 - 15.00	D3I1415	23	0.30	1.20	
16.00 - 19.00	D3I1619	20	0.50	1.25	
17.00 - 20.00	D3I1720	22	0.40	1.20	
17.30 - 22.00	D3I1822	20	0.50	1.25	
18.00 - 26.50	D3I1826	18	0.80	1.40	
18.00 - 26.50	D3I1826K	18	0.80	1.40	
18.00 - 40.00	D3I1840	9	2.10	2.10	
19.00 - 22.00	D3I1922	22	0.40	1.20	
20.00 - 21.50	D3I2021	22	0.40	1.20	
20.00 - 23.00	D3I2023	22	0.40	1.20	
20.00 - 30.00	D3I2030	16	0.70	1.40	
20.00 - 40.00	D3I2004	10	2.00	2.00	
26.50 - 40.00	D3I2640	14	1.00	1.50	
27.00 - 31.00	D3I2731	20	0.60	1.25	
31.00 - 33.00	D3I3133	20	0.60	1.25	
33.00 - 37.00	D3I3337	18	0.70	1.25	
37.00 - 40.00	D3I3740	18	0.70	1.25	

NOTES:

Isolators shown above are available with SMA, Type N, or 2.92mm (Male or Female) connector configurations on Port 1 or Port 2.

S = SMA Female Connectors
N = TYPE N Female Connectors
K = K Female Connectors

Standard Connector Configurations by Dash Numbers

(Standard Catalog Units Only)

Dash	Isolator Input	Isolator Output	Example
No Dash	Female	Female	D3I2731
-1	Male	Female	D3I2731-1
-2	Female	Male	D3I2731-2
-3	Male	Male	D3I2731-3

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