

Direct Products 4

For $C_4, D_4, C_{4v}, C_{4h}, D_{4h}, D_{2d}, S_4$

	A_1	A_2	B_1	B_2	E
A_1	A_1	A_2	B_1	B_2	E
A_2		A_1	B_2	B_1	E
B_1			A_1	A_2	E
B_2				A_1	E
E					$A_1 + [A_2] + B_1 + B_2$