

Amphenol

VIPER[®] Backplane Connector System

Catalog Part Numbers



VIPER® Ordering Part Numbers

Configuration	P0	P1	P2	P3	P4	P5	P6	Daughter Card Order No.	Backplane Order No.
Variant A (3U)	Baseline*	Differential	Differential	N/A	N/A	N/A	N/A	VP773-12001	VJ773-10001
Variant B (3U)	Baseline	Differential	Single Ended	N/A	N/A	N/A	N/A	VP773-12002	VJ773-10002
Variant C (6U)	Baseline	Differential	Differential	Differential	Differential	Differential	Differential	VP776-12001	VJ776-10001
Variant D (6U)	Baseline	Differential	Single Ended	Differential	Differential	Differential	Differential	VP776-12002	VJ776-10002
Variant E (6U)	Baseline	Differential	Differential	Single Ended	Differential	Differential	Differential	VP776-12003	VJ776-10003
Variant F (6U)	Baseline	Differential	Single Ended	Single Ended	Differential	Differential	Differential	VP776-12004	VJ776-10004
Variant G (6U)	Baseline	Differential	Differential	Differential	Single Ended	Differential	Differential	VP776-12005	VJ776-10005
Variant H (6U)	Baseline	Differential	Single Ended	Differential	Single Ended	Differential	Differential	VP776-12006	VJ776-10006
Variant J (6U)	Baseline	Differential	Differential	Single Ended	Single Ended	Differential	Differential	VP776-12007	VJ776-10007
Variant K (6U)	Baseline	Differential	Single Ended	Single Ended	Single Ended	Differential	Differential	VP776-12008	VJ776-10008
Variant L (6U)	Baseline	Differential	Differential	Differential	Differential	Single Ended	Differential	VP776-12009	VJ776-10009
Variant M (6U)	Baseline	Differential	Single Ended	Differential	Differential	Single Ended	Differential	VP776-12010	VJ776-10010
Variant N (6U)	Baseline	Differential	Differential	Single Ended	Differential	Single Ended	Differential	VP776-12011	VJ776-10011
Variant O (6U)	Baseline	Differential	Single Ended	Single Ended	Differential	Single Ended	Differential	VP776-12012	VJ776-10012
Variant P (6U)	Baseline	Differential	Differential	Differential	Single Ended	Single Ended	Differential	VP776-12013	VJ776-10013
Variant Q (6U)	Baseline	Differential	Single Ended	Differential	Single Ended	Single Ended	Differential	VP776-12014	VJ776-10014
Variant R (6U)	Baseline	Differential	Differential	Single Ended	Single Ended	Single Ended	Differential	VP776-12015	VJ776-10015
Variant S (6U)	Baseline	Differential	Single Ended	Single Ended	Single Ended	Single Ended	Differential	VP776-12016	VJ776-10016
Variant T (6U)	Baseline	Differential	Differential	Differential	Differential	Differential	Single Ended	VP776-12017	VJ776-10017
Variant U (6U)	Baseline	Differential	Single Ended	Differential	Differential	Differential	Single Ended	VP776-12018	VJ776-10018
Variant V (6U)	Baseline	Differential	Differential	Single Ended	Differential	Differential	Single Ended	VP776-12019	VJ776-10019
Variant W (6U)	Baseline	Differential	Single Ended	Single Ended	Differential	Differential	Single Ended	VP776-12020	VJ776-10020
Variant X (6U)	Baseline	Differential	Differential	Differential	Single Ended	Differential	Single Ended	VP776-12021	VJ776-10021
Variant Y (6U)	Baseline	Differential	Single Ended	Differential	Single Ended	Differential	Single Ended	VP776-12022	VJ776-10022
Variant Z (6U)	Baseline	Differential	Differential	Single Ended	Single Ended	Differential	Single Ended	VP776-12023	VJ776-10023

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VIPER® Ordering Part Numbers

Configuration	P0*	P1	P2	P3	P4	P5	P6	Daughter Card Order No.	Backplane Order No.
Variant AA (6U)	Baseline*	Differential	Single Ended	Single Ended	Single Ended	Differential	Single Ended	VP776-12024	VJ776-10024
Variant AB (6U)	Baseline	Differential	Differential	Differential	Differential	Single Ended	Single Ended	VP776-12025	VJ776-10025
Variant AC (6U)	Baseline	Differential	Single Ended	Differential	Differential	Single Ended	Single Ended	VP776-12026	VJ776-10026
Variant AD (6U)	Baseline	Differential	Differential	Single Ended	Differential	Single Ended	Single Ended	VP776-12027	VJ776-10027
Variant AE (6U)	Baseline	Differential	Single Ended	Single Ended	Differential	Single Ended	Single Ended	VP776-12028	VJ776-10028
Variant AF (6U)	Baseline	Differential	Differential	Differential	Single Ended	Single Ended	Single Ended	VP776-12029	VJ776-10029
Variant AG (6U)	Baseline	Differential	Single Ended	Differential	Single Ended	Single Ended	Single Ended	VP776-12030	VJ776-10030
Variant AH (6U)	Baseline	Differential	Differential	Single Ended	Single Ended	Single Ended	Single Ended	VP776-12031	VJ776-10031
Variant AJ (6U)	Baseline	Differential	Single Ended	Single Ended	Single Ended	Single Ended	Single Ended	VP776-12032	VJ776-10032
16-Position	N/A	Differential	N/A	N/A	N/A	N/A	N/A	VP771-12001	VJ771-10001
56-Position	Baseline	Differential	Differential	Differential	N/A	N/A	N/A	VP774-12001	VJ774-10001
56-Position	Baseline	Differential	Single Ended	Differential	N/A	N/A	N/A	VP774-12002	VJ774-10002
56-Position	Baseline	Differential	Differential	Single Ended	N/A	N/A	N/A	VP774-12003	VJ774-10003
56-Position	Baseline	Differential	Single Ended	Single Ended	N/A	N/A	N/A	VP774-12004	VJ774-10004

*Baseline wafer load = 3 power wafers; 3 Single ended wafers; 1 even differential pair wafer; 1 odd differential pair wafer

Please note that additional variations of the Viper connectors can also be supplied.

Example variations may include:

Unique wafer load

D-keys installed to customer-specified position on module connectors

Backplane guide pin length variations

Integrated MT fiber optic

Integrated RF contacts

Please contact your local Amphenol sales representative for details.