

HEAR NO EVIL

VAN DAMME VDM CIRCULAR MULTIPINS



The Van Damme VDM range of audio multipins are the industry standard for professional audio applications, with a range of options for 8 to 48 channels. Available as crimp (contacts supplied separately) and solder (contacts pre-inserted) types with either rubber or metal locking rings. Backshells for the cable mount connectors are fitted with grub screws to lock down the threads of the insert and cable gland, preventing any wiring damage caused by connector rotation during mating. VDMs are compliant with the Mil-DTL-5015 and VG95234 military standards and are compatible with other manufacturers' connectors that follow the same standards.

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Applications

- Audio signal multipin connections from 8 to 48 channels
- Crimp and solder connector options

Application Notes

- The industry standard multipin for professional audio with a comprehensive range for 8 to 48 channels
- Waterproof to IP67 when mated or with protective cover attached
- Covers are supplied with a PTFE covered 7 strand stainless steel wire and do it yourself crimp fastening
- Positive bayonet latching using roller pins with an audible click once mated
- Compatible with other manufacturers' Mil-DTL-5015/VG95234 bayonet connectors
- Backshell grub screws to lock insert and cable gland in place, preventing rotational damage of the internal wiring
- 25-85 pole solder contacts have scalloped solder buckets

Specification

Connectors

Insert material	Chloroprene rubber (neoprene)	
Connector body	Aluminium alloy with resistive paint	
Cable gland	Plastic metric thread	
	VDM 25	M25, 6–13 mm
	VDM 37	M32, 11-21 mm
	VDM 54	M32, 18-25 mm
	VDM 85	M40, 15-23 mm
	VDM 150	M40, 22-32 mm
Bayonet type	Roller pin	
Mating cycles	> 2000	
Operating voltage	VDM 25, 150	250 Vdc, 200 Vac
	VDM 37, 54, 85	700 Vdc, 500 Vac
Flashover voltage	VDM 25, 150	1400 Vac
	VDM 37, 54, 85	2800 Vac

Contacts

Material	High conductivity alloy	
Plating	Silver or Gold	
Wire size	VDM 25-85 (size 16)	18-16 AWG, 1-1.5 mm ²
	VDM 25-85 (size 18)	26-20 AWG, 0.15-0.60 mm ²
	VDM 150 (size 20)	26-22 AWG, 0.15-0.30 mm ²

Electrical	Peak current	Rated current
VDM 25-85 (size 16)	22 A	13 A
VDM 25-85 (size 18)	10 A	7.5 A
VDM 150 (size 20)	7.5 A	7.5 A

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Part Numbers and Description

Crimp connectors, rubber locking ring

369-025-101	VDM 25 pole Cable male	8 channel
369-025-111	VDM 25 pole Cable female	8 channel
369-025-200	VDM 25 pole Panel male	8 channel
369-025-210	VDM 25 pole Panel female	8 channel
369-037-102	VDM 37 pole Cable male	12 channel
369-037-112	VDM 37 pole Cable female	12 channel
369-037-200	VDM 37 pole Panel male	12 channel
369-037-210	VDM 37 pole Panel female	12 channel
369-054-102	VDM 54 pole Cable male	16 channel
369-054-112	VDM 54 pole Cable female	16 channel
369-054-200	VDM 54 pole Panel male	16 channel
369-054-210	VDM 54 pole Panel female	16 channel
369-085-103	VDM 85 pole Cable male	24 channel
369-085-113	VDM 85 pole Cable female	24 channel
369-085-200	VDM 85 pole Panel male	24 channel
369-085-210	VDM 85 pole Panel female	24 channel
369-150-103	VDM 150 pole Cable male	48 channel
369-150-113	VDM 150 pole Cable female	48 channel
369-150-200	VDM 150 pole Panel male	48 channel
369-150-210	VDM 150 pole Panel female	48 channel

Contacts

369-084-285	Male contact silver, 25 to 85 pole	size 18, 26-20 AWG
369-086-385	Female contact, silver, 25 to 85 pole	size 18, 26-20 AWG
369-088-485	Male contact gold, 25 to 85 pole	size 18, 26-20 AWG
369-090-585	Female contact gold, 25 to 85 pole	size 18, 26-20 AWG
369-284-285	Male contact silver, 25 to 85 pole	size 16, 18-16 AWG
369-286-385	Female contact, silver, 25 to 85 pole	size 16, 18-16 AWG
369-288-485	Male contact gold, 25 to 85 pole	size 16, 18-16 AWG
369-290-585	Female contact gold, 25 to 85 pole	size 16, 18-16 AWG
369-094-250	Male contact gold, 150 pole	size 20, 26-22 AWG
369-096-000	Female contact gold, 150 pole	size 20, 26-22 AWG

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Solder connectors, rubber locking ring

S369-025-101	VDM 25 pole Cable male	8 channel
S369-025-111	VDM 25 pole Cable female	8 channel
S369-025-200	VDM 25 pole Panel male	8 channel
S369-025-210	VDM 25 pole Panel female	8 channel
S369-037-102	VDM 37 pole Cable male	12 channel
S369-037-112	VDM 37 pole Cable female	12 channel
S369-037-200	VDM 37 pole Panel male	12 channel
S369-037-210	VDM 37 pole Panel female	12 channel
S369-054-102	VDM 54 pole Cable male	16 channel
S369-054-112	VDM 54 pole Cable female	16 channel
S369-054-200	VDM 54 pole Panel male	16 channel
S369-054-210	VDM 54 pole Panel female	16 channel
S369-085-103	VDM 85 pole Cable male	24 channel
S369-085-113	VDM 85 pole Cable female	24 channel
S369-085-200	VDM 85 pole Panel male	24 channel
S369-085-210	VDM 85 pole Panel female	24 channel
S369-150-103	VDM 150 pole Cable male	48 channel
S369-150-113	VDM 150 pole Cable female	48 channel
S369-150-200	VDM 150 pole Panel male	48 channel
S369-150-210	VDM 150 pole Panel female	48 channel

Solder connectors, metal locking ring

SMT369-025-111	VDM 25 pole Cable female	8 channel
SMT369-025-210	VDM 25 pole Panel female	8 channel
SMT369-037-112	VDM 37 pole Cable female	12 channel
SMT369-037-210	VDM 37 pole Panel female	12 channel
SMT369-054-112	VDM 54 pole Cable female	16 channel
SMT369-054-210	VDM 54 pole Panel female	16 channel
SMT369-085-113	VDM 85 pole Cable female	24 channel
SMT369-085-210	VDM 85 pole Panel female	24 channel
SMT369-150-113	VDM 150 pole Cable female	48 channel
SMT369-150-210	VDM 150 pole Panel female	48 channel

Protective covers

369-025-300	VDM 25 pole Male cover
369-025-310	VDM 25 pole Female cover
369-037-300	VDM 37 pole Male cover
369-037-310	VDM 37 pole Female cover
369-054-300	VDM 54 pole Male cover
369-054-310	VDM 54 pole Female cover
369-085-300	VDM 85/150 pole Male cover
369-085-310	VDM 85/150 pole Female cover

Basket Weave glands

332-020-225	M25 Basket weave gland 11.1 – 12.7 mm	VDM 25 pole
332-020-232	M32 Basket weave gland 12.7 – 14.3 mm	VDM 37, 54 pole
332-020-332	M32 Basket weave gland 12.7 – 15.9 mm	VDM 37, 54 pole
332-020-240	M40 Basket weave gland 19.0 – 22.2 mm	VDM 85, 150 pole
332-020-440	M40 Basket weave gland 22.2 – 24.4 mm	VDM 85, 150 pole