

VCON connectors

The new standard in multi-channel video connectors, the Gepco V-CON connector offers a convenient, reliable, and durable interface format for high density video applications. Designed for exceptional durability, the V-CON was specifically engineered for outdoor broadcast, mobile production and staging applications. It features an all-metal body, locking set-screw, and integrated cord grip, all in a completely weather-tight design.

Electrically, the V-CON has the bandwidth and performance for both multi-channel HD and component video applications. Through a configurable insert, the V-CON is available as a three to six-channel version that may be typically used in component video applications, while the 10, 12 or 16-channel versions can be used for high density, multi-channel HD video streams. The low insertion loss and 3GHz bandwidth of the V-CON allows it to be used in uncompressed HD serial digital applications. The V-CON coaxial elements are constructed from stainless steel and 50u gold-plated contacts to provide corrosion resistance and exceptionally long mating life.



- Configurable to 3, 4, 5, 6, 10, 12, or 16 Channels
- Extra-rugged, All-metal Body with Set-screw
- Unique Keyway Style for Each Configuration
- 50u Gold-plated and Stainless Contacts
- Weather Resistant
- 3GHz Bandwidth
- Uncompressed HD-SDI or Component Video
- Integrated Cord Grip

V-CON CONNECTORS

Part Number	# of Channels	Gender	Type	Shell Size	Maximum Cable Diameter
VCON16FC	16	Female	Cable Mount	Large - Type 36	.885"
VCON16MP	16	Male	Panel Mount	Large - Type 36	.885"
VCON12FC	12	Female	Cable Mount	Large - Type 36	.885"
VCON12MP	12	Male	Panel Mount	Large - Type 36	.885"
VCON10FC	10	Female	Cable Mount	Large - Type 36	.885"
VCON10MP	10	Male	Panel Mount	Large - Type 36	.885"
VCON6FC	6	Female	Cable Mount	Small - Type 24	.625"
VCON6MP	6	Male	Panel Mount	Small - Type 24	.625"
VCON5FC	5	Female	Cable Mount	Small - Type 24	.625"
VCON5MP	5	Male	Panel Mount	Small - Type 24	.625"
VCON4FC	4	Female	Cable Mount	Small - Type 24	.625"
VCON4MP	4	Male	Panel Mount	Small - Type 24	.625"
VCON3FC	3	Female	Cable Mount	Small - Type 24	.625"
VCON3MP	3	Male	Panel Mount	Small - Type 24	.625"

Additional Specifications

Structural Return Loss	-15dB, 1MHz-3GHz
Insertion Loss	.25 dB
Cable Termination Type	VDM230 Type 23 AWG Solid or VDM250 Type 25 AWG Stranded

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VCON5MP	5	Male	Panel Mount	Small - Type 24	.625"
VCON4FC	4	Female	Cable Mount	Small - Type 24	.625"
VCON4MP	4	Male	Panel Mount	Small - Type 24	.625"
VCON3FC	3	Female	Cable Mount	Small - Type 24	.625"
VCON3MP	3	Male	Panel Mount	Small - Type 24	.625"

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