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**Syntax®**  
**SGH**  
**GIGAMOD**  
**HYBRID**  
**CONNECTOR**  
**SERIES**

**PATENT PENDING**

**2 ETHERNET**  
**10GBaseT**  
**+ POWER**  
**20amp 4p 5w**

***syntax***  
***no compromise***

## Groundbreaking innovation



### Inspiring multi-connectivity

The innovative Syntax SGH (Syntax Gigamod Hybrid) connector is a groundbreaking solution designed for modular multi-connectivity. Thanks to its unique structure, the SGH connector is the must-have solution to connect different signal types, while at the same time preventing electromagnetic interference (EMI). An ideal solution to connect rack amplifiers, video production racks, OB vans or mobile PCR's, large venue projector systems and FOH/STAGE backbones.

## Nothing more than excellence

How to combine ideal connectivity, robustness and practicality with compact overall dimensions? For us, an inescapable challenge. The extremely balanced shape of the SGH connector is our answer. A thoughtful design to provide excellence, and nothing more.

### Ruggedize is the word!

On the SGH connector, everything shows robustness that you can rely on. Just look at the contacts! Their size in itself vouches for outstanding performances in terms of greater contacting area, mechanical strength and durability.

Watertight IP67 rating for total reliability and safety outdoors, even in environments with high humidity levels.

### All the multi-connectivity you need

2 Ethernet up to 10GBaseT.  
Up to 23amp 5-pole (or 4p 5w for U.S.A.) rated current.  
All the multi-connectivity you need, every time you need it.



## Passive shell? No, active component!

Traditionally, a connector's shell is conceived as a mere mechanical component used to protect the internal wiring.

But after a conductive galvanic treatment, the shells get into action!

On the Syntax SGH connector, the shell becomes an integral part of the shielding elements.



Conductive galvanic shell  
treatment for shielding

## An invisible connector

**The Syntax SGH series overcomes the problems related to the very concept of connection**



Rather than a real connector, the Syntax SGH represents an extension of the cable.

An interference-free area consisting of decontamination tunnels has been created inside the connector.

In this controlled environment, the non-twisted pairs, free from interferences, are individually channeled along the tunnels.

It's as if your cables had never been interrupted !



## Easy to wire, easy to use Everyone welcome!



**The ergonomic shape, the internal structure, the perfect size. Everything for the sake of easy handling and last but not least, extraordinary wiring simplicity.**

## Modularity, the future is now



Thanks to its modular design, the SGH connector series is prepared to go hand in hand with the new developments and requirements for future connectivity.

And the reliability of our tour-grade, heavy-duty solutions will always be there to secure connections.



# VALENTINI

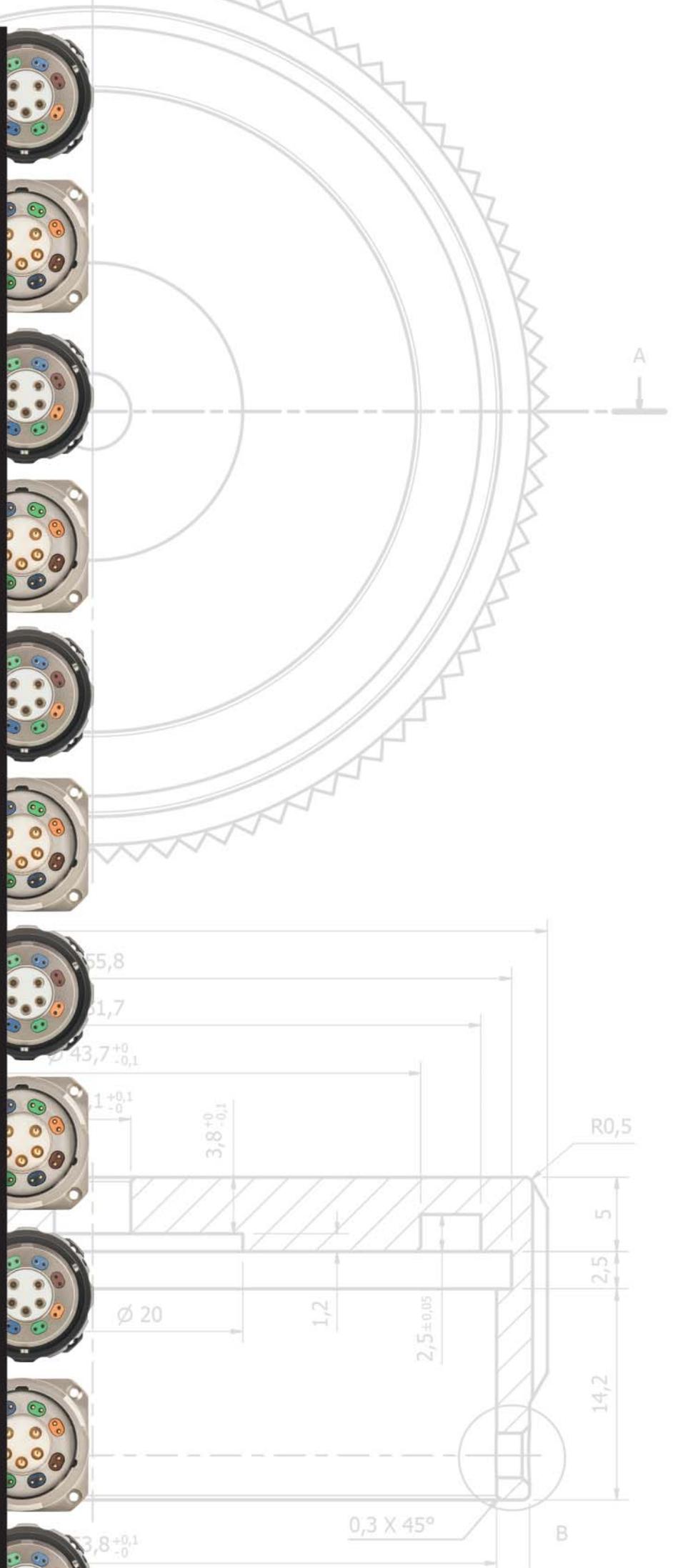
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## QUICK STUDY GUIDE

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	Series	Pin Configuration(s)	Description
	<b>SVK</b>	13, 19, 25, 37, 54, 85, 100 & 150 pins	<i>Panel &amp; inline; IP67 waterproof rated; MIL-C-5015 compliant; gold or silver contacts</i>
	<b>SVS</b>	72 & 101 pins	
	<b>SHD</b>	13, 19, 25, 37, 54, 85, 100 & 150 pins	<i>Roadline: Enhanced, robust, heavy-duty version of the SVK Series</i>
	<b>SV</b>	24 Audio & 6 Video (Coax) Pins	<i>Panel &amp; Inline Audio/Video Hybrid Connectors; gold plated precision contacts</i>
	<b>SMA</b>	122 & 176 pins	<i>Hermaphroditic IP67 panel &amp; inline audio, up to 56 channels; gold plated solder contacts</i>
	<b>SPK</b>	4, 8 & 19 pins	<i>Pro loudspeaker panel &amp; inline; rubber locking ring; CA-COM mateable; silver &amp; gold solder or crimp contacts</i>
	<b>SPK8</b>	8 pin	<i>Adapter; CA-COM 8 compatible; male one end, female other end</i>
	<b>SB</b>	2, 3, 4, 6, 7, 8 & 9 pins	<i>HMI Ballast &amp; Lamp connector; 400W - 200KW; configurable; bayonet lock &amp; coupling roller; silver plated contacts</i>
	<b>SSX</b>	19, 16 pin   UL & Heavy Duty Versions	<i>Lighting connector; Socapex 419 compatible; panel &amp; inline; fast wiring, indestructible; IP67; first make, last break gold or silver plated contacts</i>
	<b>SPX</b>	Single Pole High Amperage Power Connectors	<i>Power 400A - 750A; panel &amp; inline; US, EU, UK &amp; AU color codes; IP67; IP2X; high impact shell; silver plated contacts</i>
	<b>SPZ</b>		
	<b>Cables</b>	Application Specific Cables	<i>Expertly engineered pro audio &amp; video features; power distribution; data</i>
	<b>Drums</b>	Cable Drums (featuring optional IO Side Panels)	
	<b>Glands</b>	Metric & PG types	<i>Glands, standard or spiral flex, metal, strain relief mesh grips, hanger grips</i>
	<b>Tooling</b>	Tooling & Accessories	<i>Contact us for more information</i>

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