

SMA

HERMAPHRODITE CONNECTORS

HERMAPHRODITE



The SYNTAX® SMA connectors are configured in the 122 pins for multicore cables until 40 pairs and 176 pins for multicore cables until 58 pairs and are fully compatible with the existing fixed pin solder type & crimp type MASS connectors, and use the same inline and panel mount housings.

The metal shells are machined and hard black anodized to protect against damage through physical abuse. The hermaphroditic design minimizes the number of required parts as two connectors allow for complete daisy chain capability.

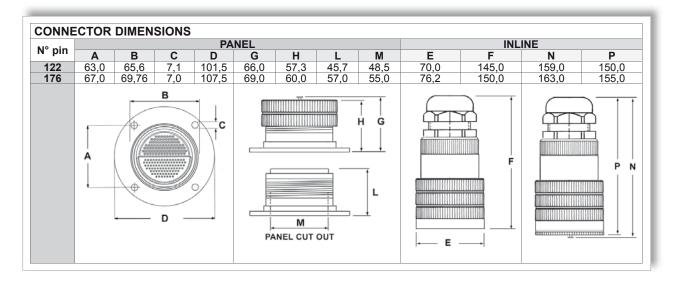
All connectors include a heavy-duty dust cap. Inline connectors have water tight PG 36 cable gland or (optional) a cable strain relief utilising a basket weave design. The crimp type versions are designed for easy, positive insertion and removal of pins and sockets, using a standard crimp tool and locator insert.

- Hermaphroditic Design
- Crimp or Solder contacts
- · All machined aluminium construction
- Water tight IP67 when mated
 Intermateable with Whirlwind Mass connectors
- · Hard anodised black finish





HERMAPHRODITE





SOLDER CONTACTS TYPES AND PART N.										
Size	Connector	Plating	Part N.	Gender	Part N.	Gender				
20	SMA 122/176 pin	Gold	SMAP20GFS	Female	SMAP20GMS	Male				
			_==		-					

CONTACTS RATING

Size	Max Current	Rated Current	Max Voltage Drop	Wire section (mm²)	Wire section AWG
20	7,5 A	7,5 A	83 mv	0,15÷0,3	26÷22

CONNECTORS RATING

N° pin	Rated voltage	Rated voltage	Dielectric Strenght	Min. Flashover				
м рш	Vca	Vcc	Vca	Vca				
122	180	210	1200	800				
176	180	210	1200	800				

VALENTINI

www.syntaxnet.it info@syntaxnet.it Tel. +39 0119594160 Fax +39 0119594166 via Asti 84/A 10098 Rivoli (TO) - ITALY



