

# SU2 / SU3 Series Part Numbering



## Features

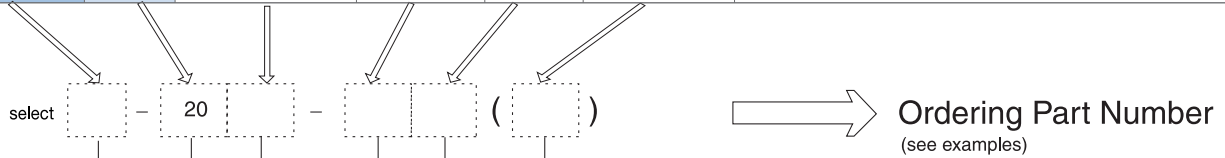
- AISG 1,1/2,0 Protocol Standard
- Protection rating of IP67
- IEC 61076-2-106 and AISG Specification
- RoHS Compliant   • UL Recognized
- Cost Effective
- Safe Connection / Easy Mounting

## Applications

- Telecommunication
- Smart Bias Tee
- Lightning Protection Unit
- RCU (Remote Control Unit)
- General Industrial
- CCU (Central Control Unit)
- Junction Box
- RET Control Cable
- Power Signal Splitter

## Part Numbering

Series	Size	Body Type	No. of Contacts	Contact Type	Cable Option	Notes
SU2	20	SP	3,4,5,6	P	6,0 / 8,0 / 9,0	Plug (Male Contact)
SU3		P	8,12,14	S		Plug (Female Contact)



**Connector Series**  
 SU2 20 Series(IP67 type)  
 SU3 20 Series(IP67 type, Hexagonal Body)

**Body Type**  
 SP : Plug  
 P : Plug

**No. of Contacts**  
 3,4,5,6,8,12,14

**Contact Type**  
 P : Male  
 S : Female

**Cable Option (Applicable Cable Size)**  
 6,0 :  $\varnothing$  4,1mm~ $\varnothing$  6,0mm  
 8,0 :  $\varnothing$  6,1mm~ $\varnothing$  8,0mm  
 9,0 :  $\varnothing$  8,1mm~ $\varnothing$  9,0mm

## Examples


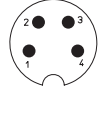
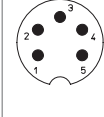
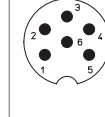
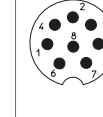
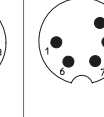
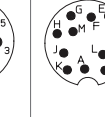
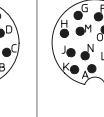
SU2 - 20SP - 5P - 6,0  
 SU2 Series - Size 20 Plug - 5 Male Contact - Cable Option 6,0

SU2 - 20P - 8S - 8,0  
 SU2 Series - Size 20 Plug - 8 Female Contact - Cable Option 8,0

SU3 - 20SP - 8P - 9,0  
 SU3 Series - Size 20 Plug - 8 Male Contact - Cable Option 9,0

Specifications subject to change without notice. Consult Sam Woo Electronics for the latest specifications.

■ Major Performance / Contact Arrangements

Performance	Size 20							
	3	4	5	6	8	A5	12	14
Contact Arrangement								
Rated Voltage	250V						60V	
Rated Current(40℃)	5A						3A	
Rated Impulse Withstand Voltage	1200V						1000V	
Insulation Resistance	> 10 <sup>10</sup> Ω							
Contact Resistance	< 5m Ω							
Wire Gauge(Maximum)	0,75mm <sup>2</sup> (AWG 20)						0,25mm <sup>2</sup> (AWG 24)	
Cable Diameter	ø 4 ~ ø 9							
Temperature Range	- 40℃ ~ +85℃							
IP Protection Rating	IP67							

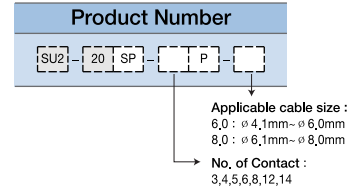
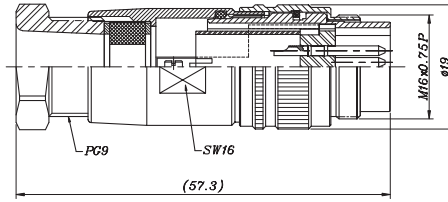
- ! <sup>1</sup> Withstanding voltage is the tested voltage value.
- <sup>2</sup> Insulation resistance is measured at DC 100V.
- <sup>3</sup> Contact resistance is measured at DC 1A.
- Specifications subject to change without notice.
- Consult Sam Woo Electronics for the latest specifications.
- <sup>4</sup> Connector contact arrangement is from solder pot(plug).

■ Material Used / Finish

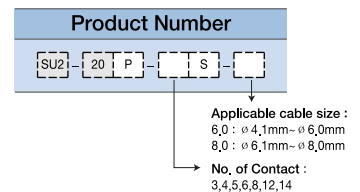
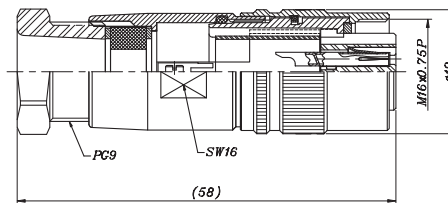
		Material	Finish
Body		Zinc Alloy, Brass	Ni Plating
Insulator		PA	Black
Contacts	Male	Brass	Gold Plating
	Female	Phosphor Bronze	Gold Plating

# SU2 / SU3 Series Plug(Male/ Female Contact)

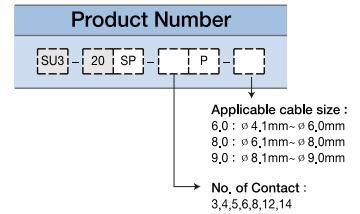
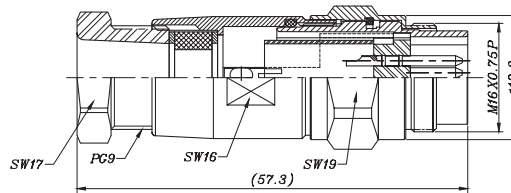
## ■ SU2-20SP Series



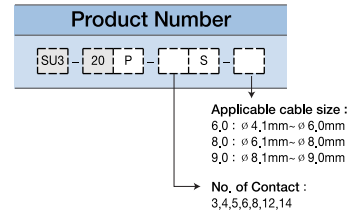
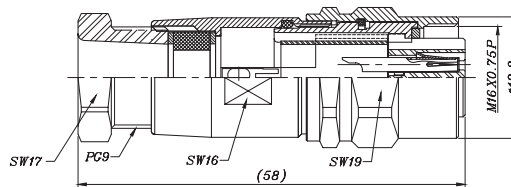
## ■ SU2-20P Series



## ■ SU3-20SP Series



## ■ SU3-20P Series



Specifications subject to change without notice. Consult Sam Woo Electronics for the latest specifications.



**Features**

- AISG 1,1/2,0 Protocol
- DIN 45326 Standard
- Available in UL20549
- Female to Female, Male to Male, Female to Male
- Available in 1m to 100m
- RoHS Compliant
- IP 67/IP 68 Protection
- PVC Free

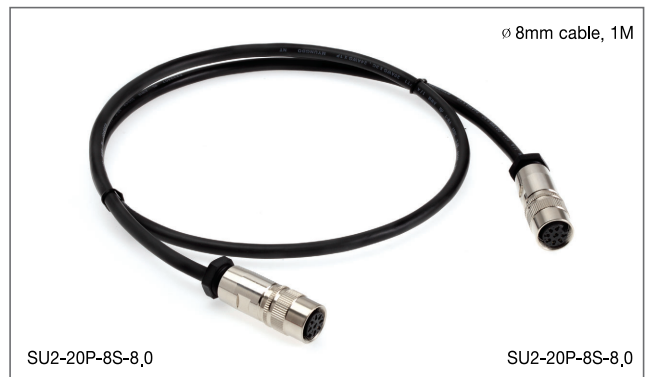
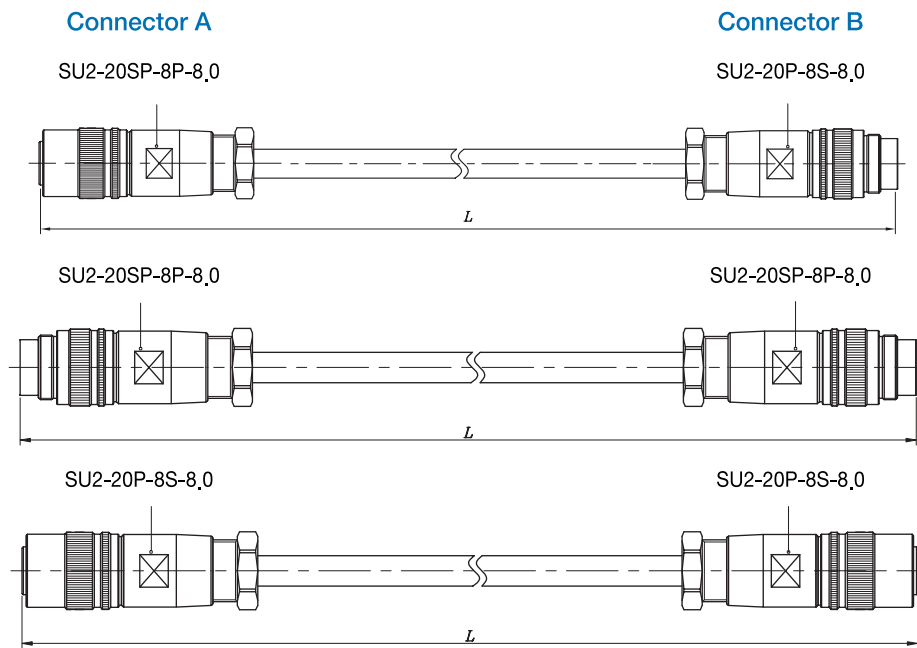
**Applications**

- Telecommunications
- RET Control Cable
- Adapter Cable
- General Industrial

■ **Part Numbering**

Connector A		Connector B		Cable Length, L(m)	Product Number
SU2-20SP-8P-8,0	Male contact	SU2-20P-8S-8,0	Female contact	1m ~ 100m	SW - 5207 - ***
SU2-20SP-8P-8,0	Male contact	SU2-20SP-8P-8,0	Male contact	1m ~ 100m	SW - 5208 - ***
SU2-20P-8S-8,0	Female contact	SU2-20P-8S-8,0	Female contact	1m ~ 100m	SW - 5209 - ***

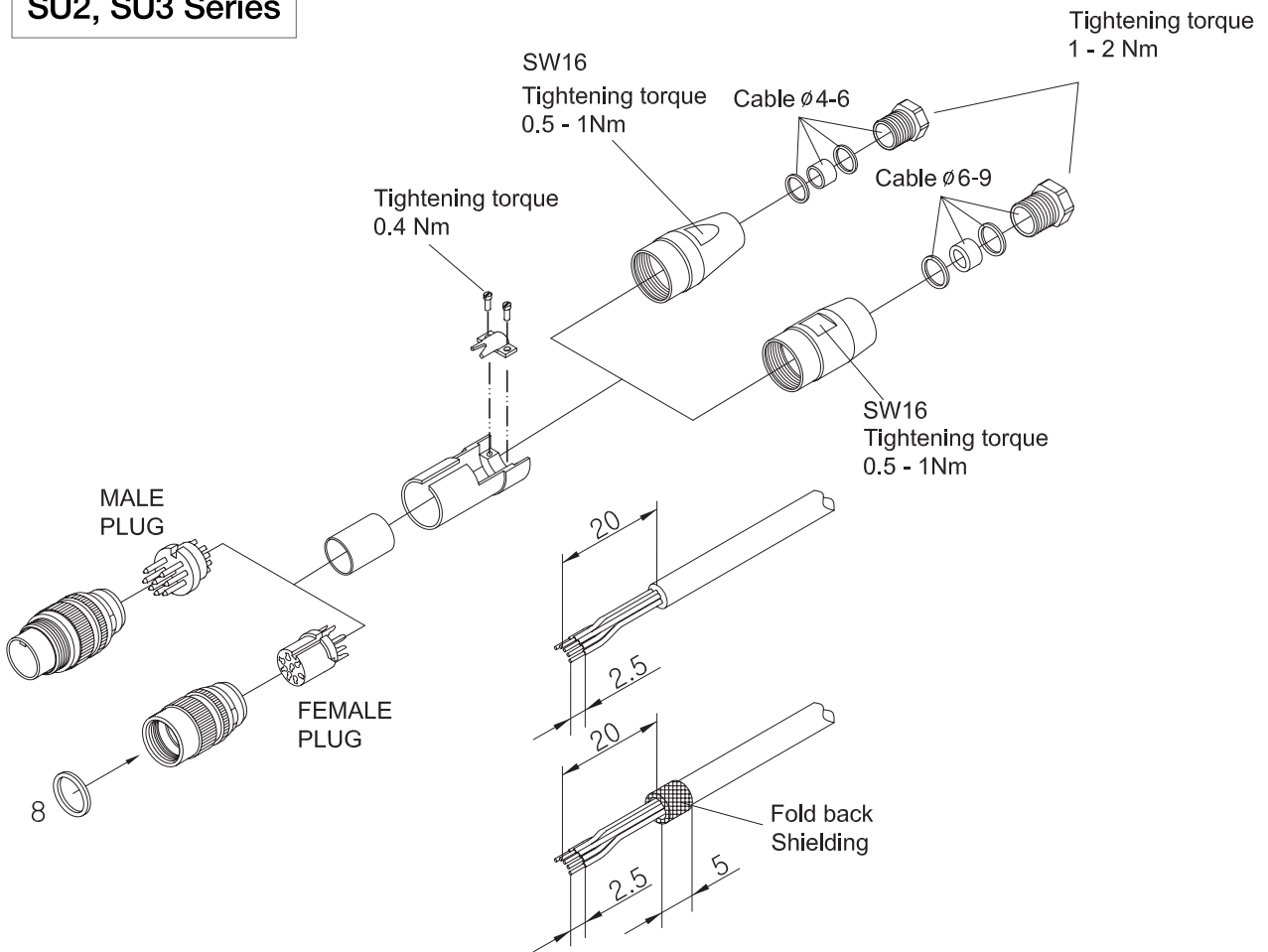
\* The last three digits of product number indicates cable length, Cable length can be customized,



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■ SU2, SU3 Cable Assembly Instruction

SU2, SU3 Series



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