

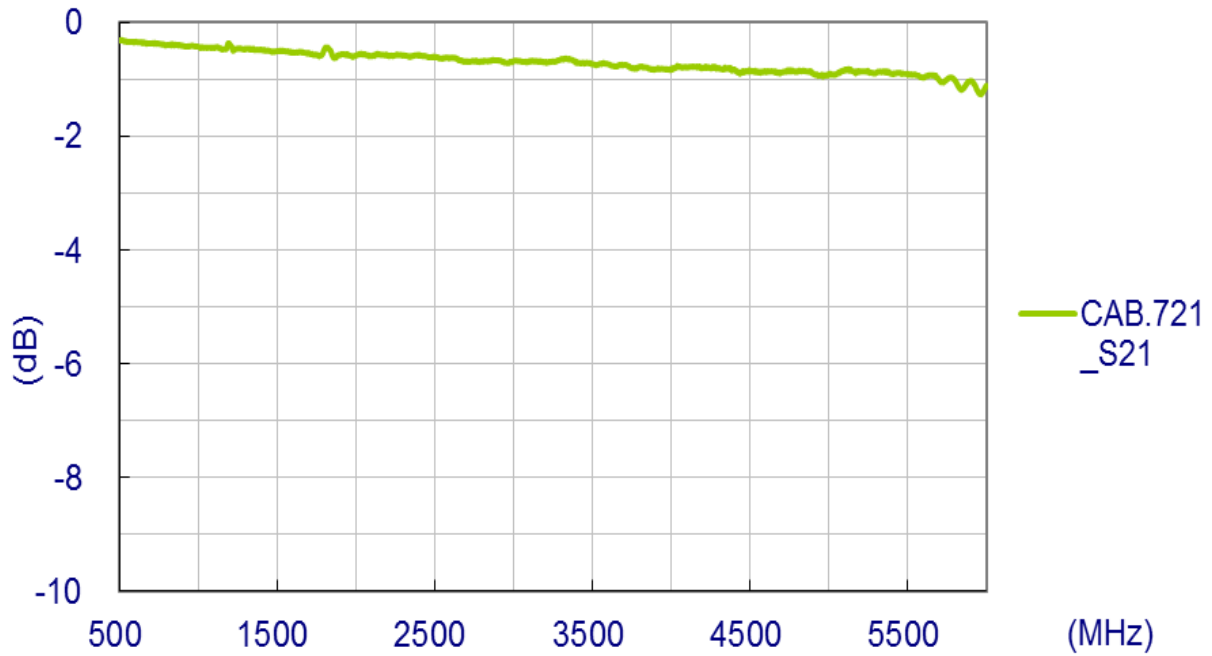
SPECIFICATION

Part No. : **CAB.721**

Product Name : Taoglas Cable Assembly
Hirose U.FL to SMA(F)Bulkhead Straight Connector
with 100mm \varnothing 1.32 cable

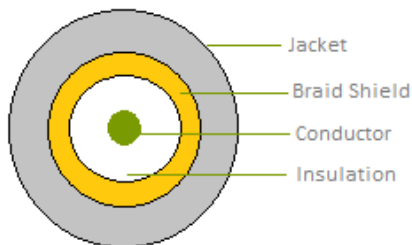


1. Cable Insertion Loss

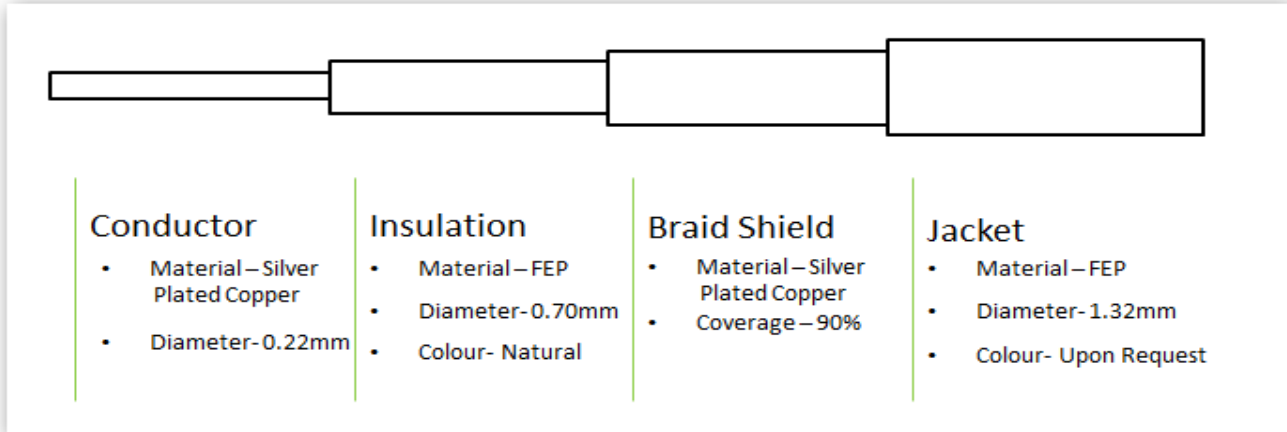


2. 1.32 Cable Specification

2.1 Drawing – Cross Section



2.2 Structure and Dimensions

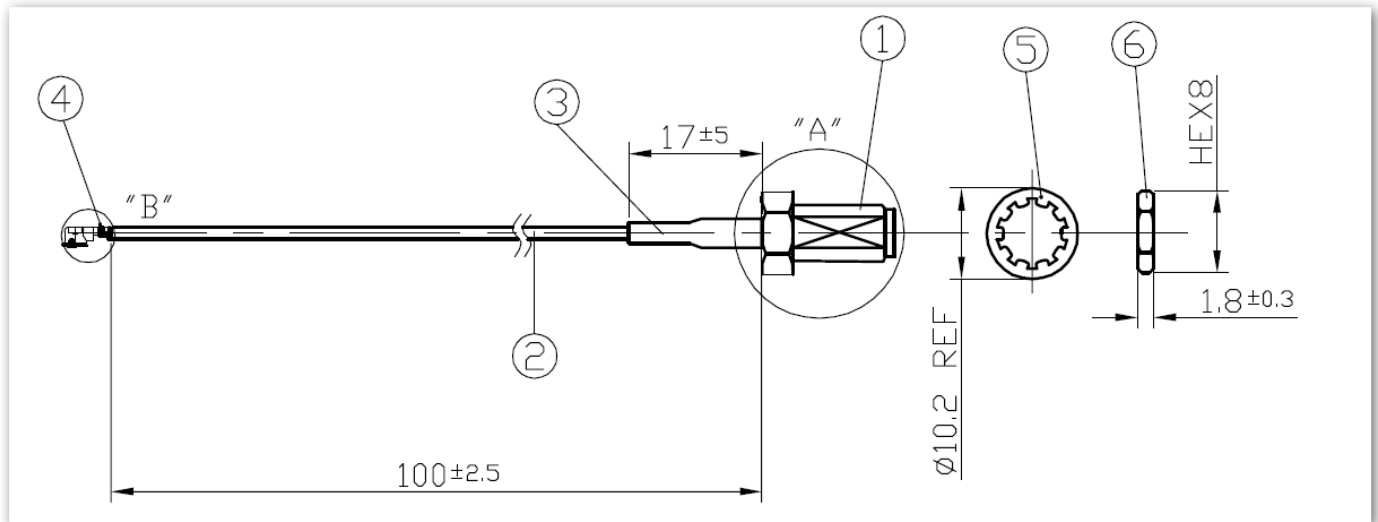


2.3 Electrical & Physical Specification

1	Item:	32 AWG		
2	Rating Temp Voltage:	105°C 30V UL 1979		
3	Insulation Resistance:	1000 MEGA OHM-KM Min.		
4	Conductor Resistance:	545 OHM/KM/20°C Max.		
5	Dielectric Strength:	AC 1.0 KV/minute		
6	Spark test:	2.5 KV		
7	Insulation	Unaged	Tensile Strength Elongation	2500 PSI Min.(1.76Kg/mm ²) 200% min.
		Aged	Tensile Strength Elongation	Unaged Min 75%(168HRS*232°C) Unaged Min 75%(168HRS*232°C)
8	Jacket	Unaged	Tensile Strength Elongation	2500 PSI Min.(1.76Kg/mm ²) 200% min.
		Aged	Tensile Strength Elongation	Unaged Min 75%(168HRS*232°C) Unaged Min 75%(168HRS*232°C)
9	Nom. Impedance	50 ± 3 Ohms		
10	Nom. Capacitance	96 ± 3 pF/m		
11	Nom. Vel. Of Prop.	69%		
12	VSWR (0-6GHz)	Max 1.3		
13	Flame Test	VW-1 OK		
14	Attenuation (dB/1M)	2.0GHz	2.80	
		2.4GHz	3.10	
		3.0GHz	3.50	
		4.0GHz	4.00	
		5.0GHz	4.60	
		6.0GHz	5.10	

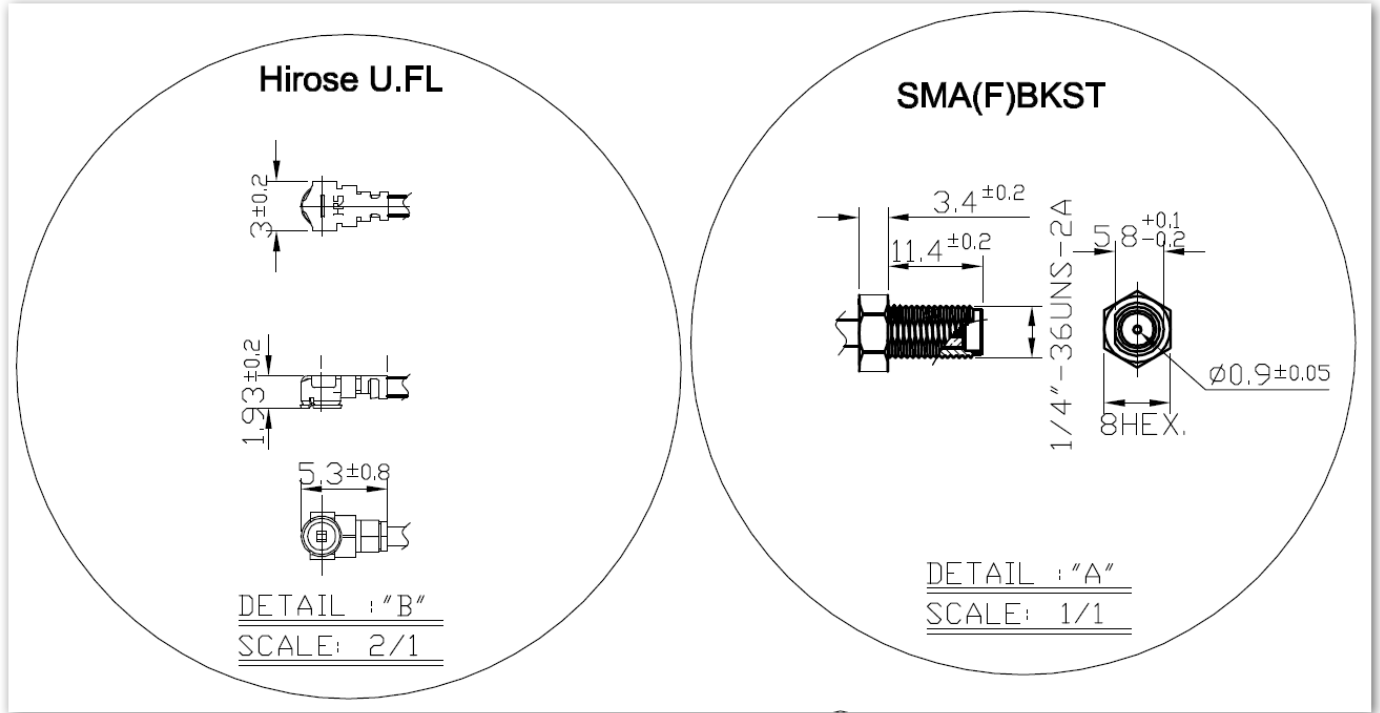
3. Technical Drawing

3.1 CAB.721

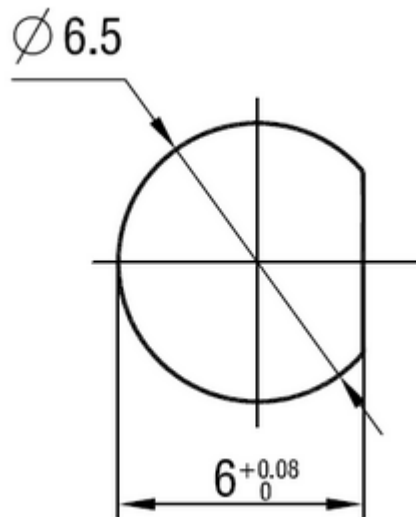


	Name	Part No.	Material	Finish	QTY
1	SMA(F)BKST	SMA.F.ST.JACK.BAHC.J	Brass	Gold	1
2	1.32 Coaxial Cable	OD.132.J	FEP	Black	1
3	Heat Shrink Tube	001311I000013A	PE	Black	1
4	Hirose U.FL	HRS.UFL.PLUG.AH	Brass	Gold \triangle_B	1
5	Washer	See Connector Spec	Brass	Gold	1
6	Nut	See Connector Spec	Brass	Gold	1

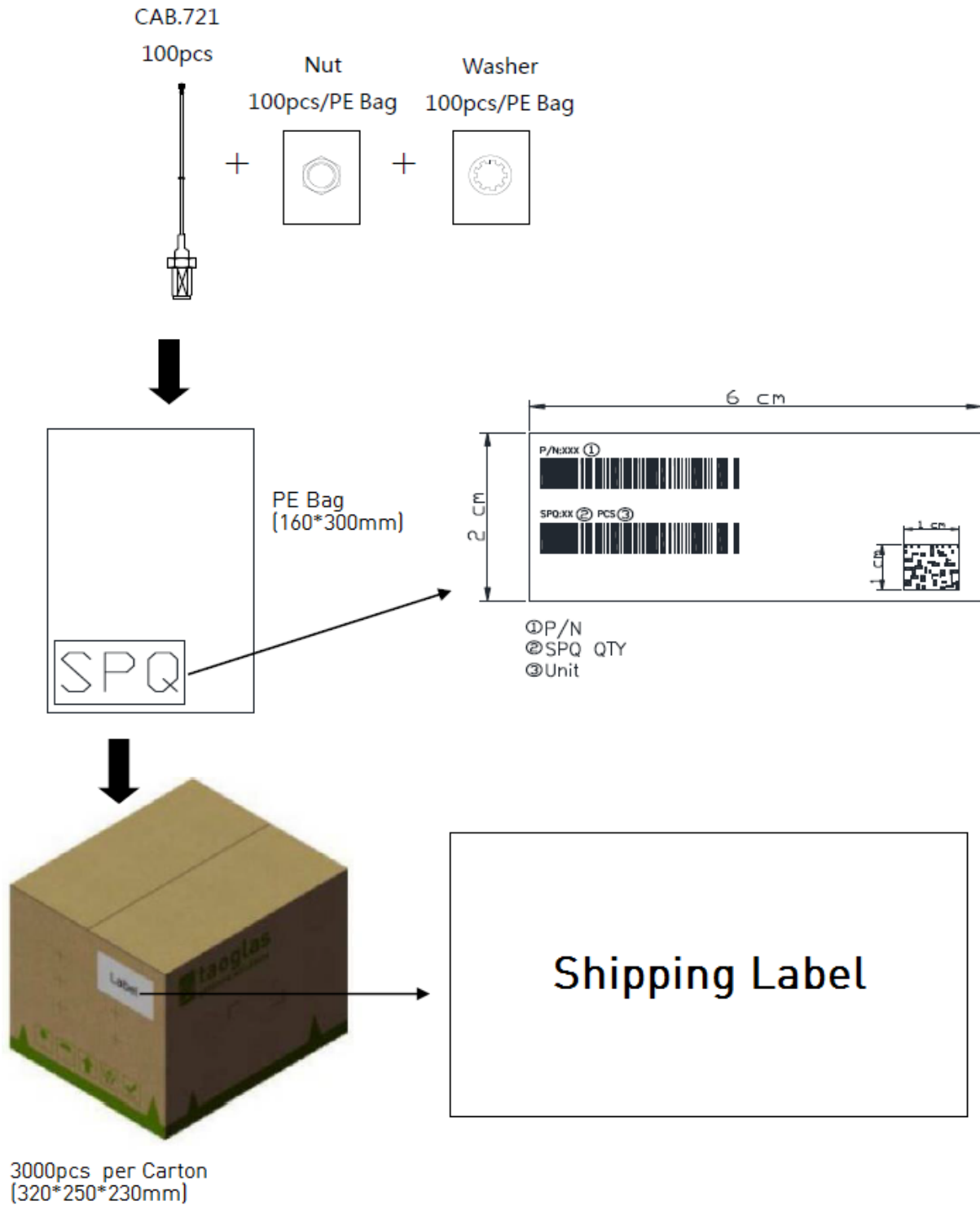
3.2 Connectors



3.3 Recommended Mounting Hole – SMA(F) Bulkhead



4. Packaging (Unit: mm)





Taoglas makes no warranties based on the accuracy or completeness of the contents of this document and reserves the right to make changes to specifications and product descriptions at any time. Taoglas reserves all rights to this document and the information contained herein.

Reproduction, use or disclosure to third parties without express permission is strictly prohibited.

Copyright © Taoglas