

SPECIFICATION

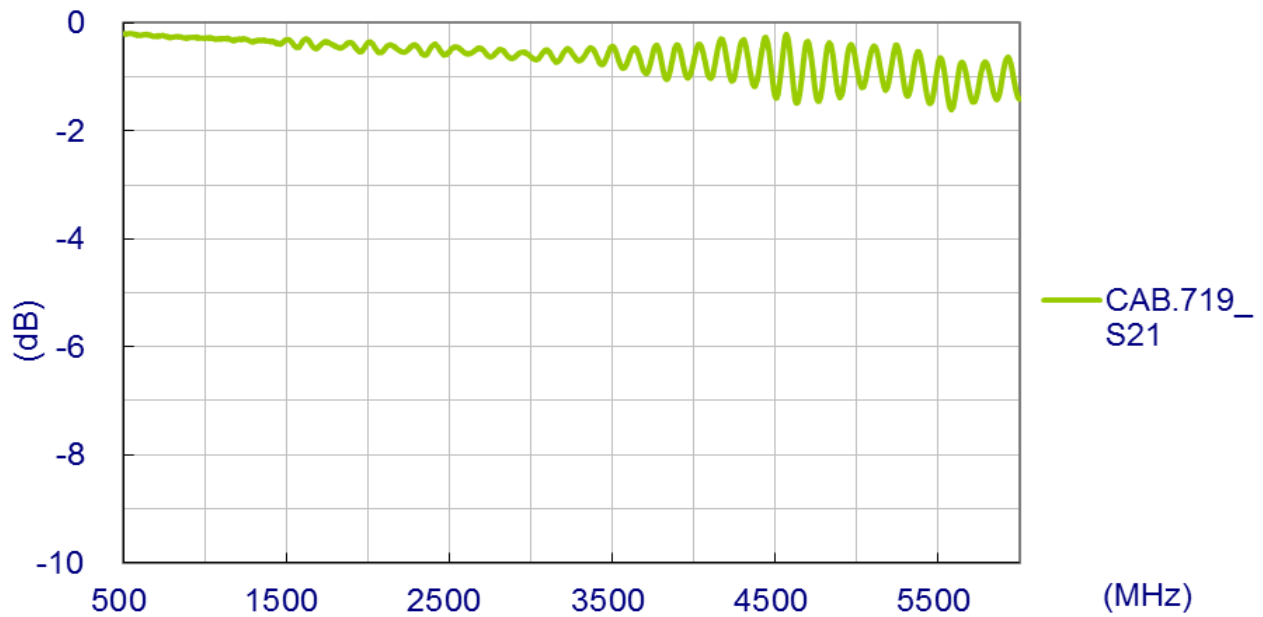
Part No. : **CAB.719**

Product Name : Taoglas Cable Assembly
Hirose U.FL to SMA(F)Bulkhead Straight Connector
with 100mm Ø1.13 cable

Photo :

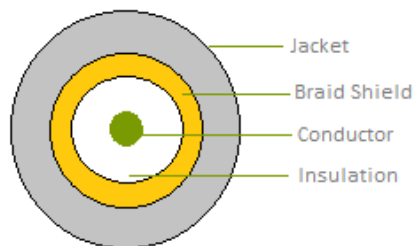


1. Cable Insertion Loss

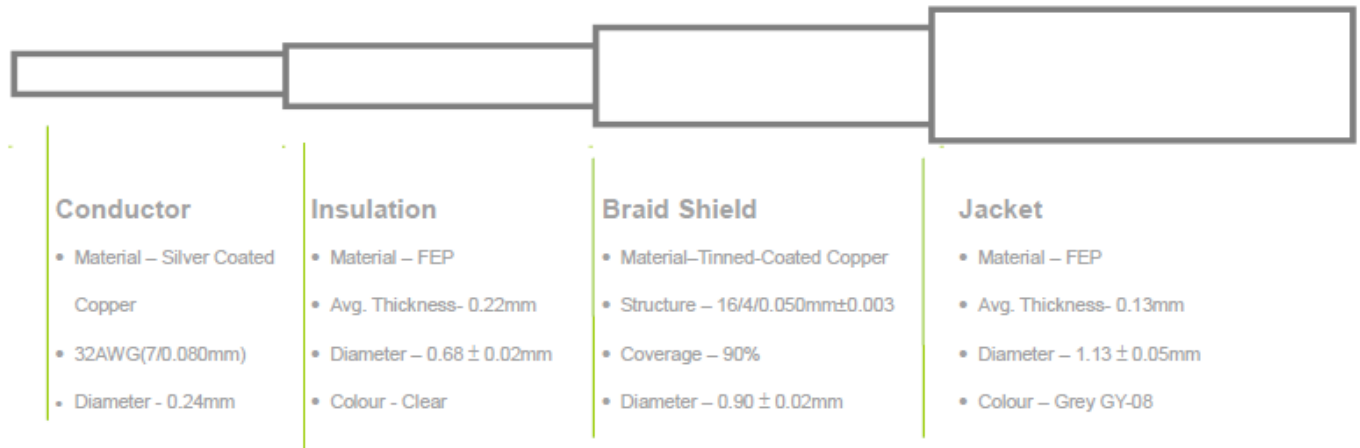


2. 1.13 Cable Specification

2.1 Drawing – Cross Section



2.2 Structure and Dimensions

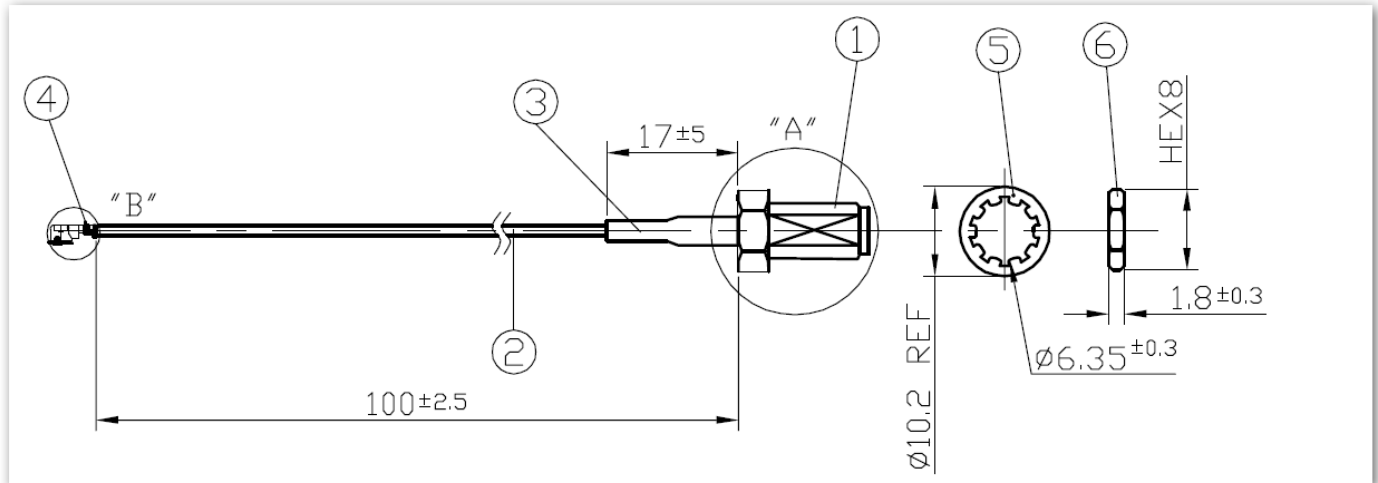


2.3 Electrical & Physical Specification

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	2500 PSI Min.(1.76Kg/mm²)
			Elongation	200% min.
		Aged	Tensile Strength	Unaged Min 75%(168HRS*232°C)
			Elongation	Unaged Min 75%(168HRS*232°C)
8	Jacket	Unaged	Tensile Strength	2500 PSI Min.(1.76Kg/mm²)
			Elongation	200% min.
		Aged	Tensile Strength	Unaged Min 75%(168HRS*232°C)
			Elongation	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

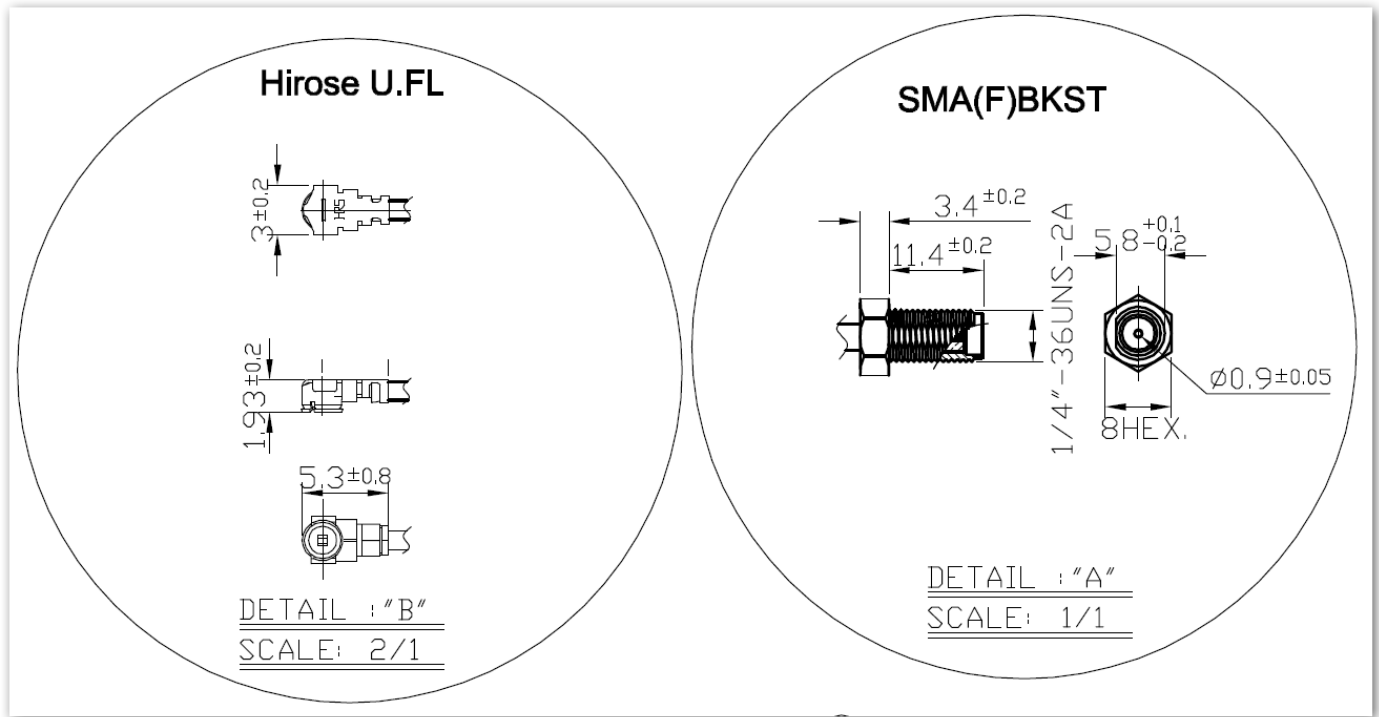
3. Technical Drawing

3.1 CAB.719



	Name	Part No.	Material	Finish	QTY
1	SMA(F)BKST	SMA.F.ST.JACK.BAHC.J	Brass	Gold	1
2	1.13 Coaxial Cable	OD.113.J	FEP	Black	1
3	Heat Shrink Tube	001311J010013A	PE	Black	1
4	Hirose U.FL	HRS.UFL.PLUG.AH	Brass	Gold 	1
5	Washer	See Connector Spec	Brass	Gold	1
6	Nut	See Connector Spec	Brass	Gold	1

3.2 Connectors



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