



# TAOGLAS®



## Datasheet

**CAB.774**

**Description:**

Hirose U.FL to RP-SMA(F) Bulkhead Straight Connector with 100mm  $\varnothing$ 1.13mm cable

**Features:**

Cable Assembly  
RP-SMA(F) Bulkhead ST connector  
Hirose U.FL  
100mm  $\varnothing$  1.13mm cable  
RoHS & Reach Compliant

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## 1. Introduction

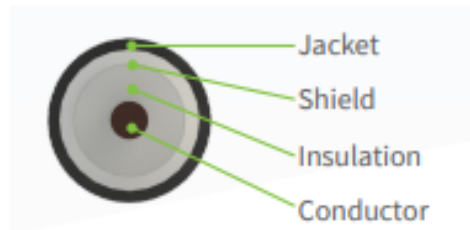


The Taoglas CAB.774 is a 1.13mm coaxial cable of 100m length with SMA female bulkhead connector and Hirose U.FL. As one of a great range of Taoglas' standard cables the CAB.774 is ideal for use by worldwide RF professionals. Taoglas also provides [custom cables](#) through our Cable and Connector Division. When a custom cable is required this is the perfect tool for building your own cable variant.

Taoglas provides customized length and connector variants subject to MOQ. Contact your regional Taoglas customer support team for further details.

## 2. Cable Specifications – 0.047” Semi Rigid

### 2.1 Cross Section



### 2.2 Structure and Dimensions



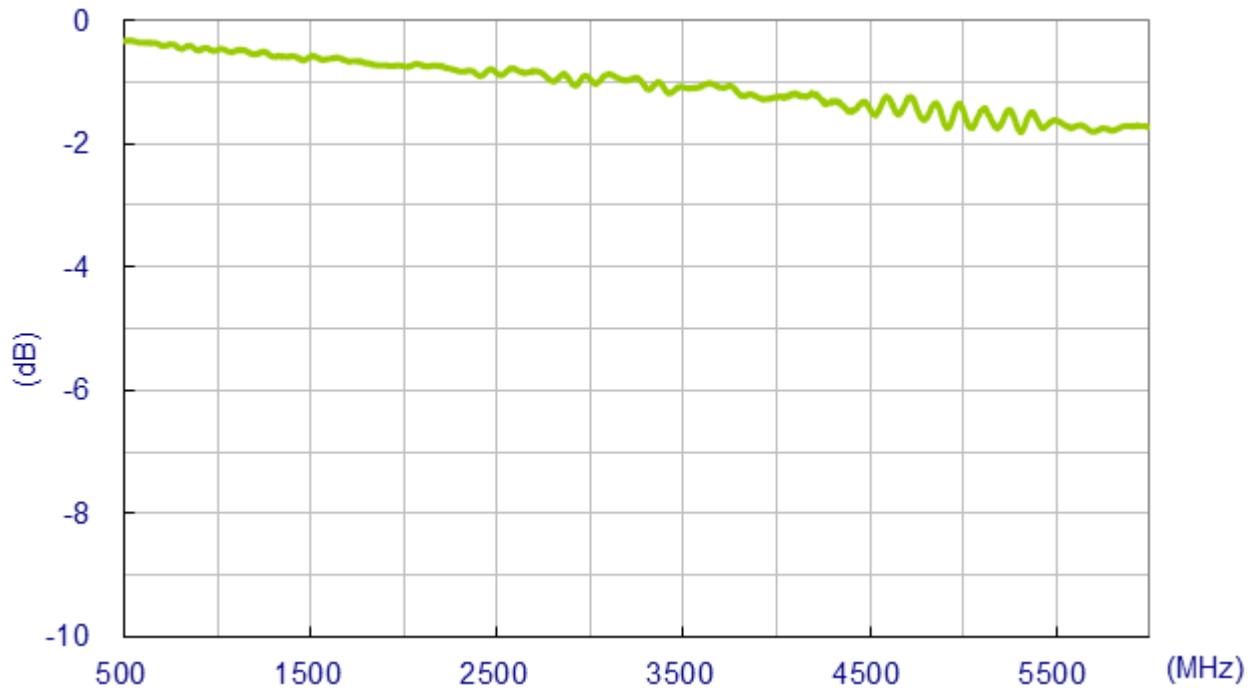
Part Designation	Material	Outer Diameter
Conductor	Silver-Coated Copper	0.24
Insulation	FEP	0.68
Shield	Tin-Coated Copper	0.90
Jacket	FEP	1.13 ± 0.05

## 2.3 Cable Specifications

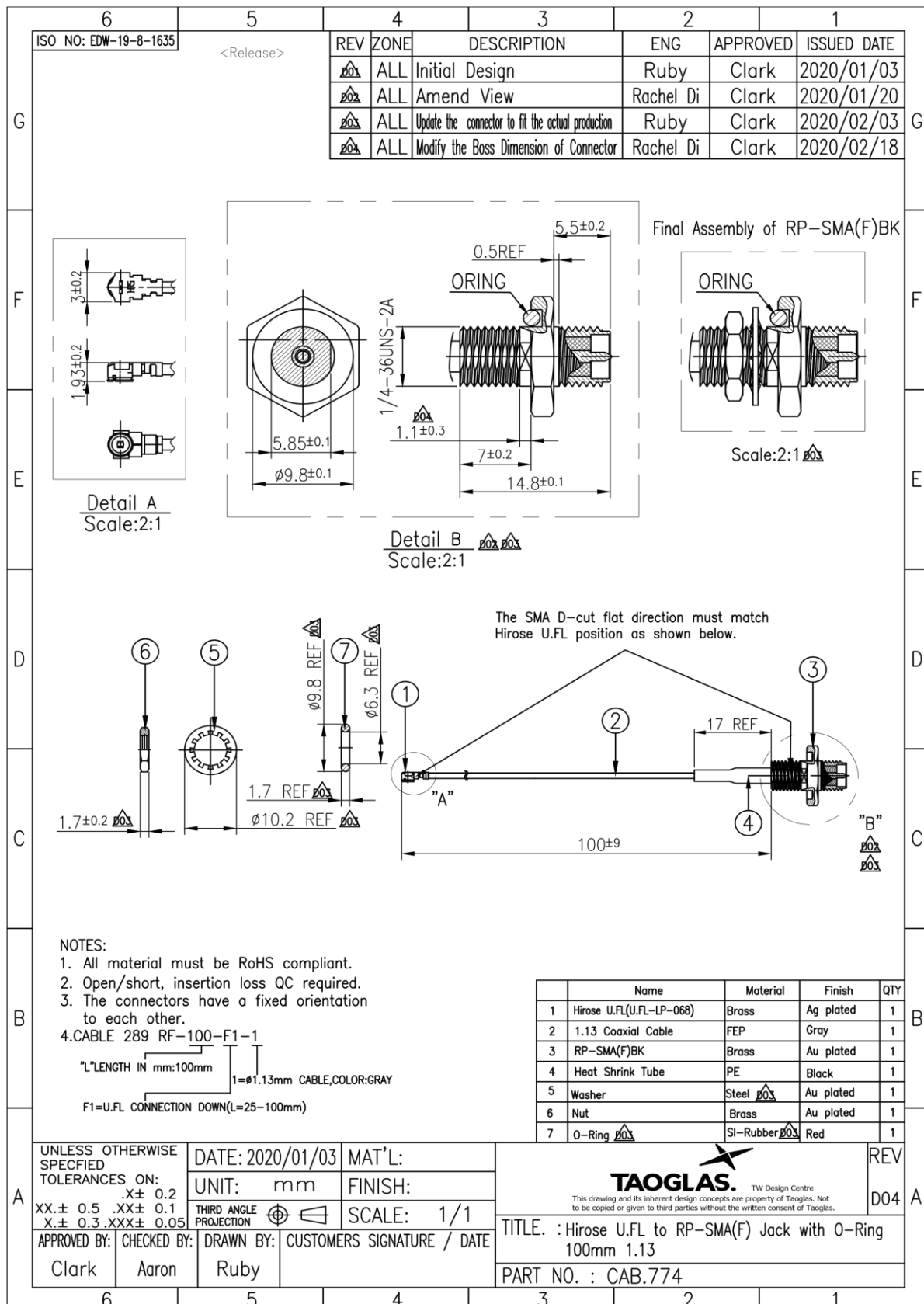
1	Item:	32 AWG		
2	Rating Temp Voltage:	105°C 30V UL 1979		
3	Insulation Resistance:	1000 MEGA OHM-KM Min.		
4	Conductor Resistance:	545 OHM/KM/20°C Max.		
5	Dielectric Strength:	AC 1.0 KV/minute		
6	Spark test:	2.5 KV		
7	Flame Test	VW-1 OK		
8	Insulation	Unaged	Tensile Strength	2500 PSI Min.(1.76Kg/mm <sup>2</sup> )
			Elongation	200% min.
		Aged	Tensile Strength	Unaged Min 75%(168HRS*232°C)
			Elongation	Unaged Min 75%(168HRS*232°C)
9	Jacket	Unaged	Tensile Strength	2500 PSI Min.(1.76Kg/mm <sup>2</sup> )
			Elongation	200% min.
		Aged	Tensile Strength	Unaged Min 75%(168HRS*232°C)
			Elongation	Unaged Min 75%(168HRS*232°C)
10	Nom. Impedance	50 +/- 3 Ohms		
11	Nom. Capacitance	96 +/- 3 pF/m		
12	Nom. Vel. Of Prop.	69%		
13	VSWR (0-6GHz)	Max 1.3		
14	Standard Attenuation(dB/1 meter):	2GHz		2.8
		2.4GHz		3.1
		3GHz		3.5
		4GHz		4
		5GHz		4.6
		6GHz		5.1

### 3. Cable Insertion Loss

#### 3.1 Insertion Loss



# 4. Mechanical Drawing (Units: mm)



Changelog for the datasheet

**SPE-22-8-108 – CAB.774**

**Revision: A (Original First Release)**

Date:	2022-06-22
Notes:	
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**Previous Revisions**






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