

SPECIFICATION

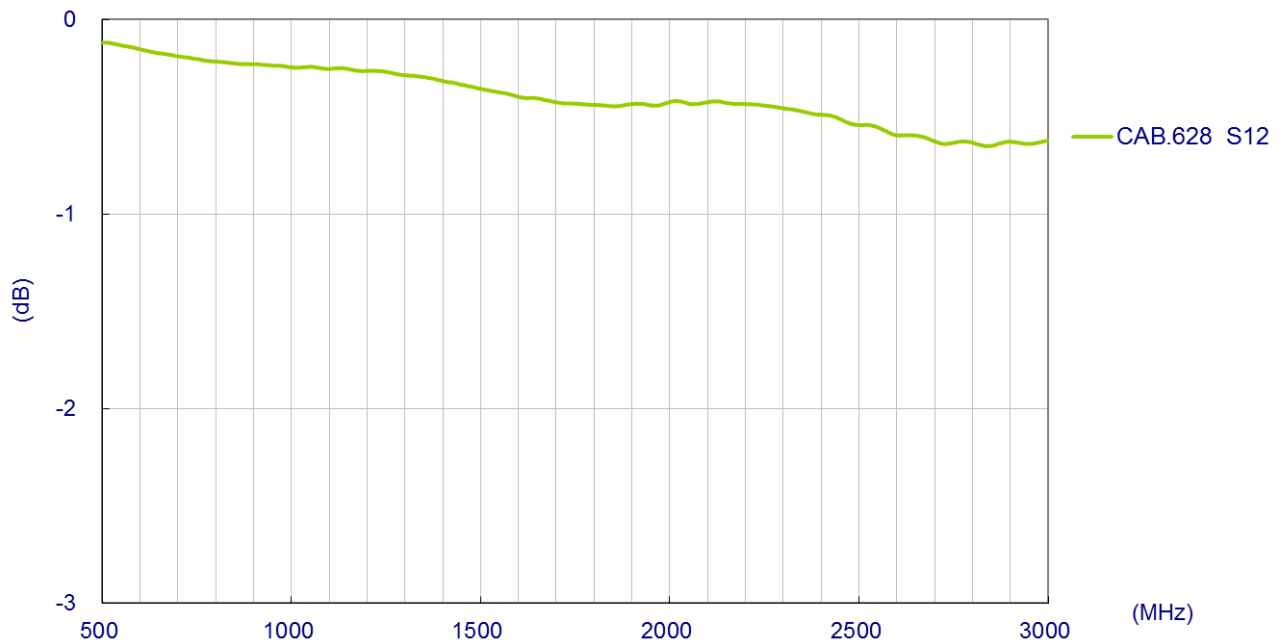
Part No. : **CAB.628**

Product Name : Taoglas Cable Assembly
IPEX MHFI to RP-SMA(F) Bulkhead Straight Connector
with 95mm $\varnothing 1.13$ cable

Photo :

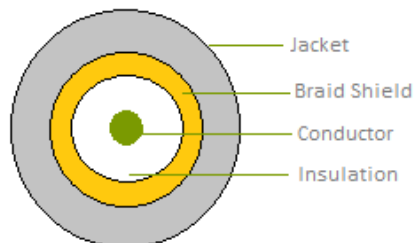


1. Cable Insertion Loss

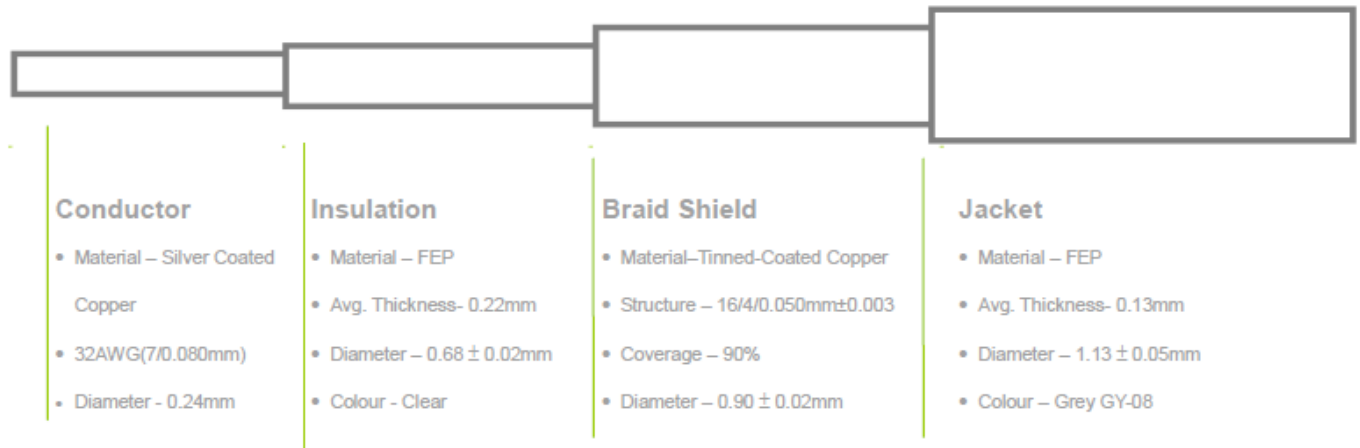


2. 1.13 Cable Specification

2.1 Drawing – Cross Section



2.2 Structure and Dimensions

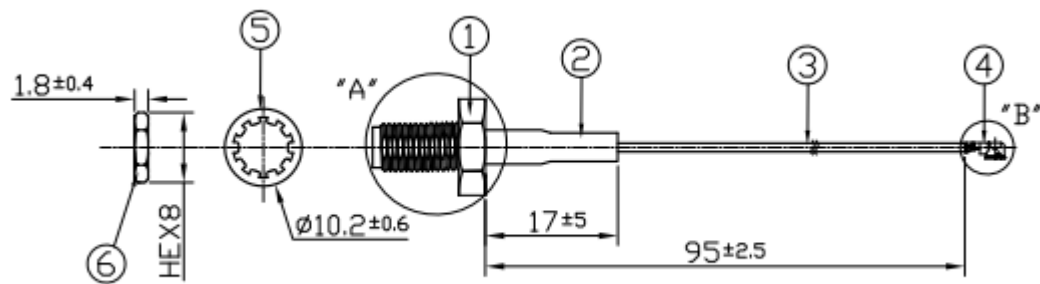


2.3 Electrical & Physical Specification

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/mm ²)
			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/mm ²)
			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

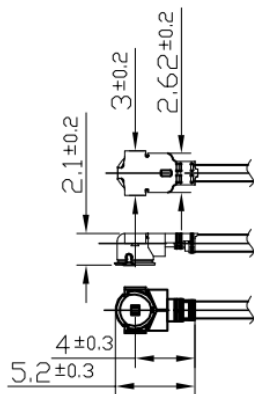
3.1 CAB.628



	Name	Material	Finish	QTY
1	RP-SMA(F) Jack	Brass	Gold	1
2	Heat Shrink Tube 1.13	PE	Black	1
3	1.13 Coaxial Cable	FEP	Black	1
4	IPEX MHFI Connector	Brass	Gold	1
5	Wsher	Brass	Gold	1
6	Nut	Brass	Gold	1

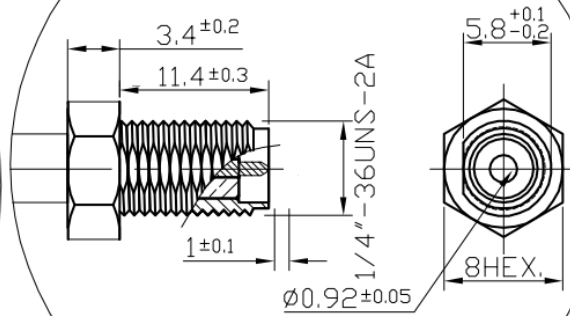
3.2 Connectors

Connector IPEX MHF1



DETAIL : "B"
SCALE: 2/1

Connector SMA(F) RP Bulkhead ST



DETAIL : "A"
SCALE: 2/1

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Taoglas:](#)

[CAB.628](#)