

SPECIFICATION

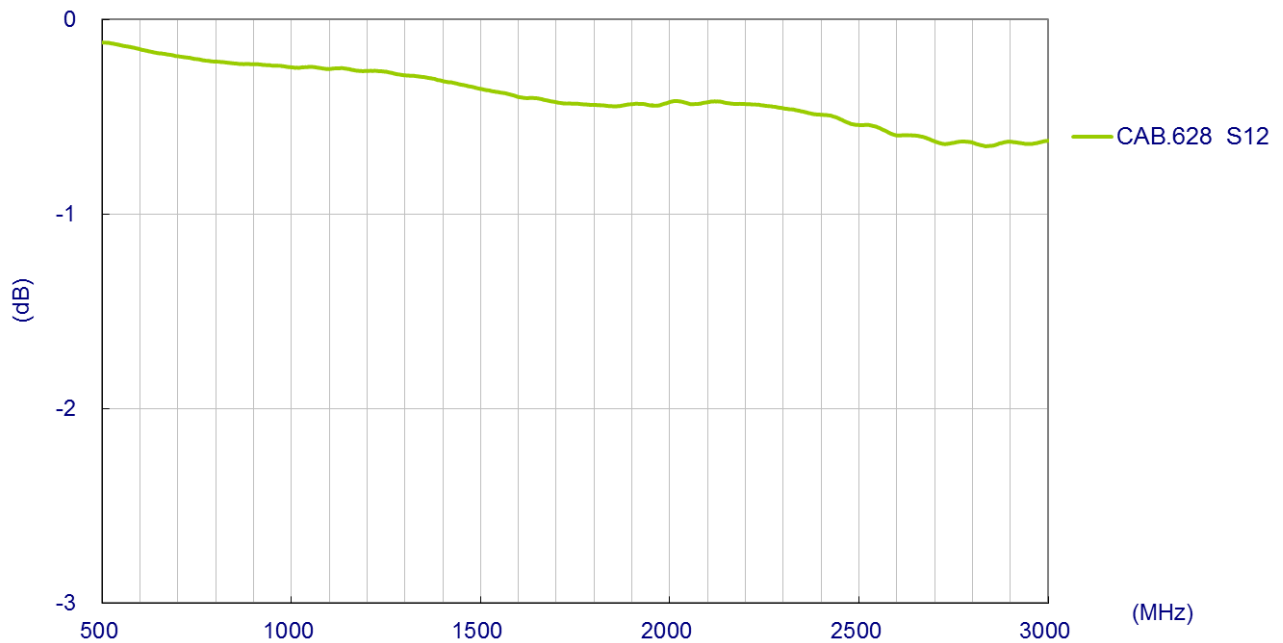
Part No. : **CAB.628**

Product Name : Taoglas Cable Assembly
IPEX MHFI to RP-SMA(F) Bulkhead Straight Connector
with 95mm Ø1.13 cable

Photo :

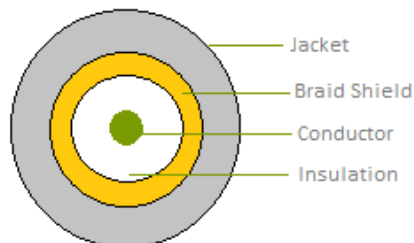


1. Cable Insertion Loss

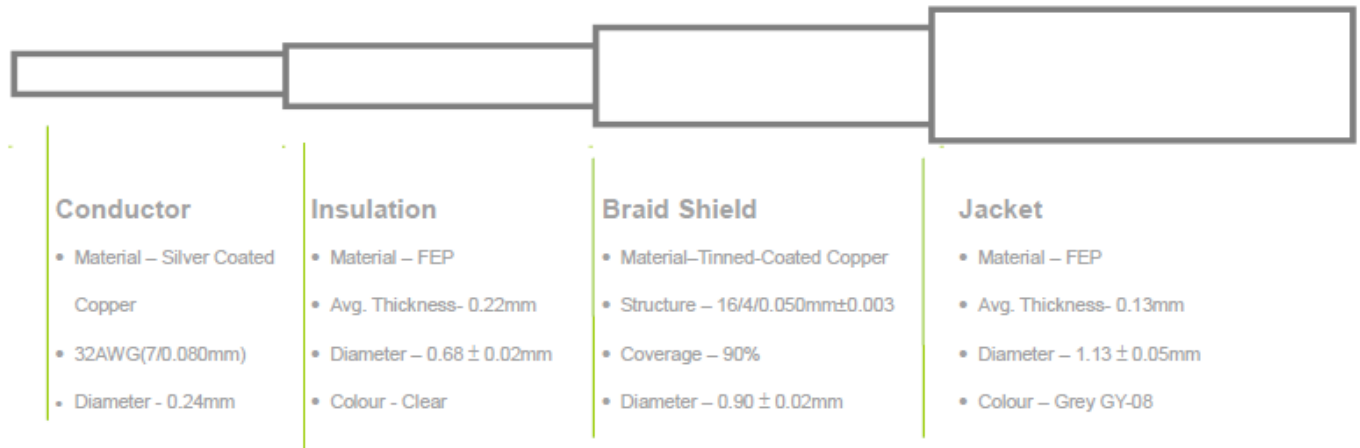


2. 1.13 Cable Specification

2.1 Drawing – Cross Section



2.2 Structure and Dimensions

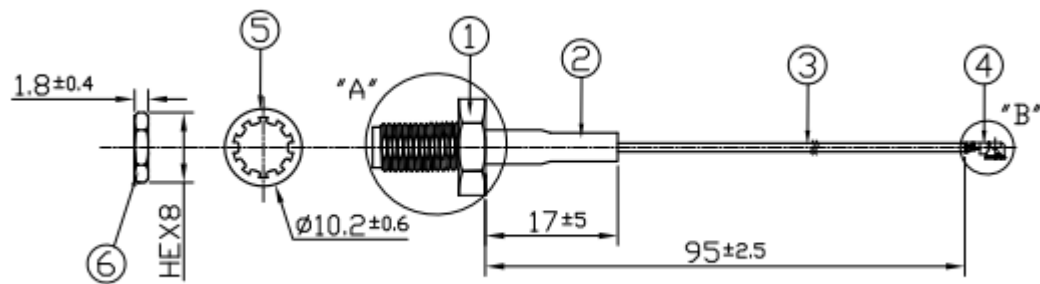


2.3 Electrical & Physical Specification

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/mm ²)
			Elongation	200% min.
		Aged	Tensile Strength	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)
9	Nom. Impedance			Unaged Min 75%(168HRS*232°C)
10	Nom. Capacitance			50 ± 3 Ohms
11	Nom. Vel. Of Prop.			96 ± 3 pF/m
12	VSWR (0-6GHz)			69%
13	Flame Test			Max 1.3
14	Attenuation (dB/1M)	VW-1 OK		
		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

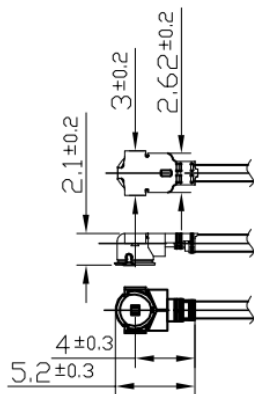
3.1 CAB.628



	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

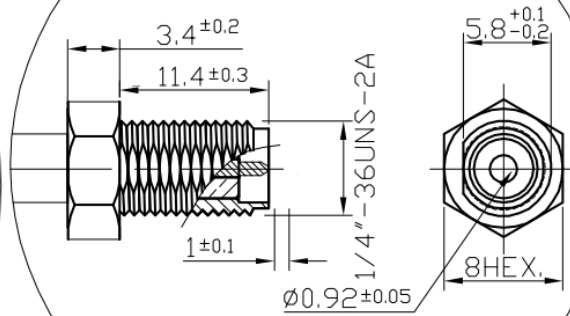
3.2 Connectors

Connector IPEX MHF1



DETAIL : "B"
SCALE: 2/1

Connector SMA(F) RP Bulkhead ST



DETAIL : "A"
SCALE: 2/1

AMEYA360

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