

SPECIFICATION

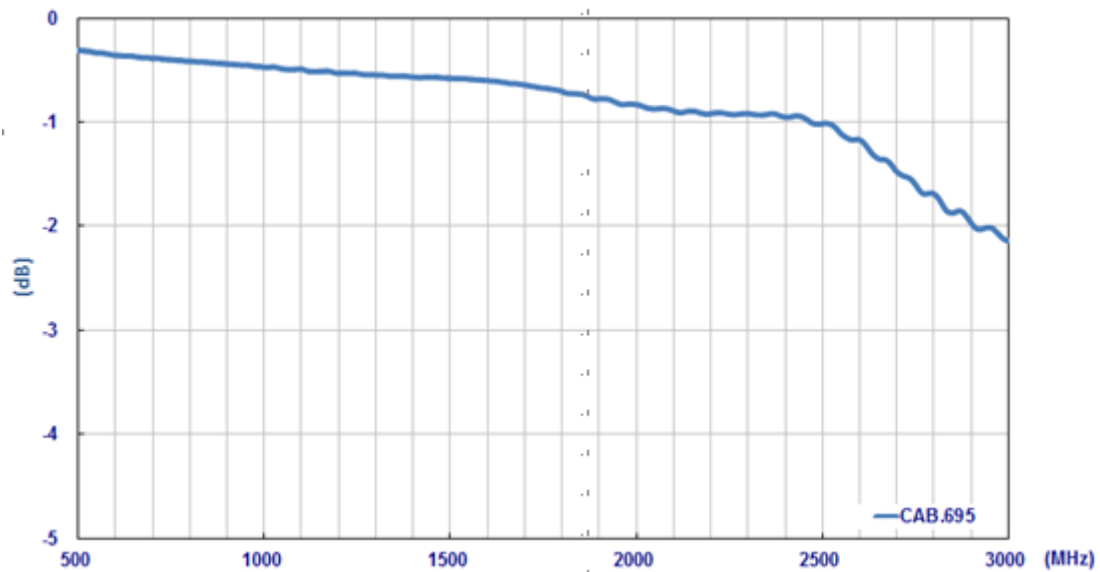
Part No. : **CAB.695**

Product Name : Taoglas Cable Assembly
IPEX MHFI to FME Bulkhead Straight Jack RG-178 100mm
DC-200MHz

Photo :



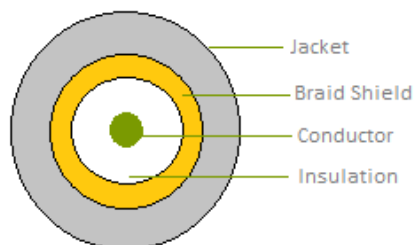
1. Cable Insertion Loss



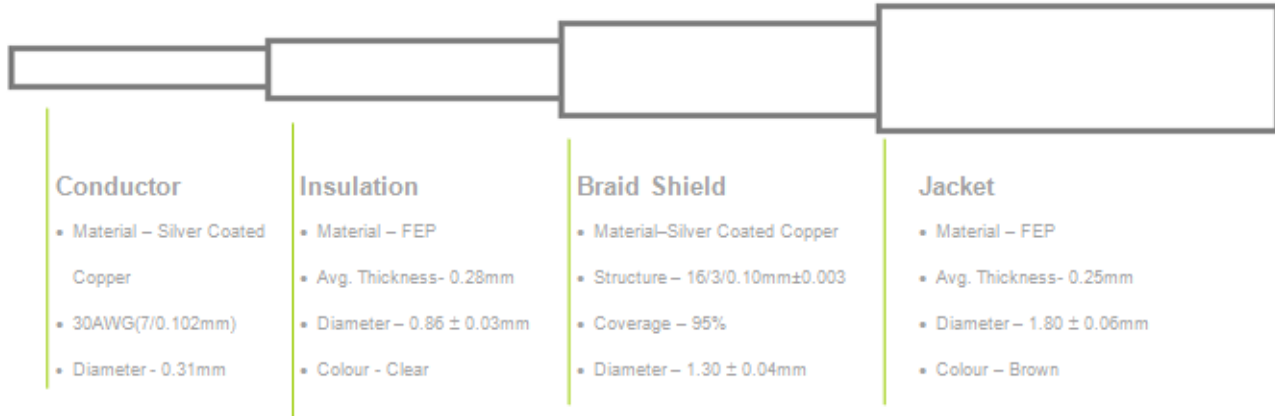
(Note: FME connector operation frequency range:DC-200MHz)

2. RG-178 Cable Specification

2.1 Drawing – Cross Section



2.2 Structure and Dimensions

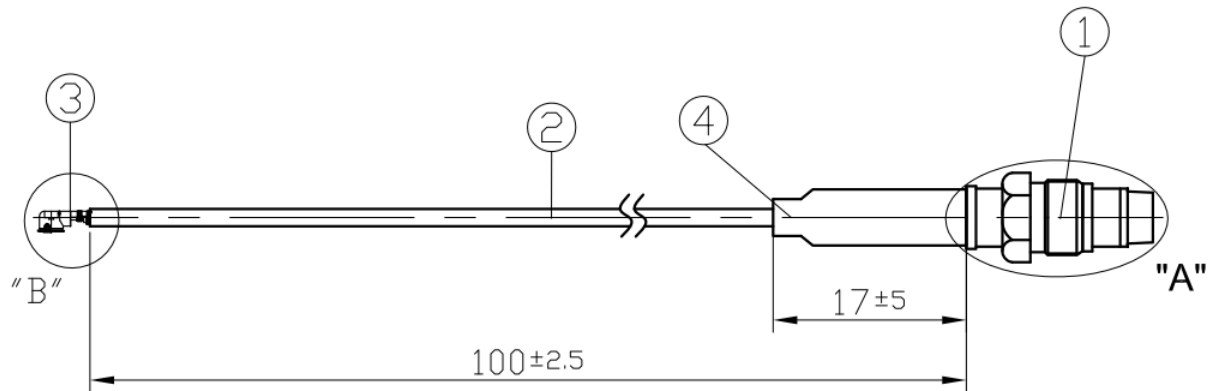


2.3 Electrical & Physical Specification

1	Item:			30 AWG
2	Rating Temp Voltage:			105°C 30V UL 1979
3	Insulation Resistance:			3000 MEGA OHM-KM Min.
4	Conductor Resistance:			838 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			95.8 ± 3 pF/m
11	Nom. Vel. Of Prop.			69.5%
12	VSWR (0-6GHz)			Max 1.3
13	Attenuation (dB/1M)			1.0GHz 1.70
				2.0GHz 2.50
				3.0GHz 3.20
				4.0GHz 3.60
				5.0GHz 3.95
				6.0GHz 4.80

3. Technical Drawing

3.1 CAB.695



	Name	Material	Finish	QTY
1	FME(F)	Brass	Ni Plate	1
2	RG178	FEP	Brown	1
3	IPEX MHFI	Brass	Gold	1
4	Heat Shrink Tube	PE	Black	1

3.2 Connectors

