



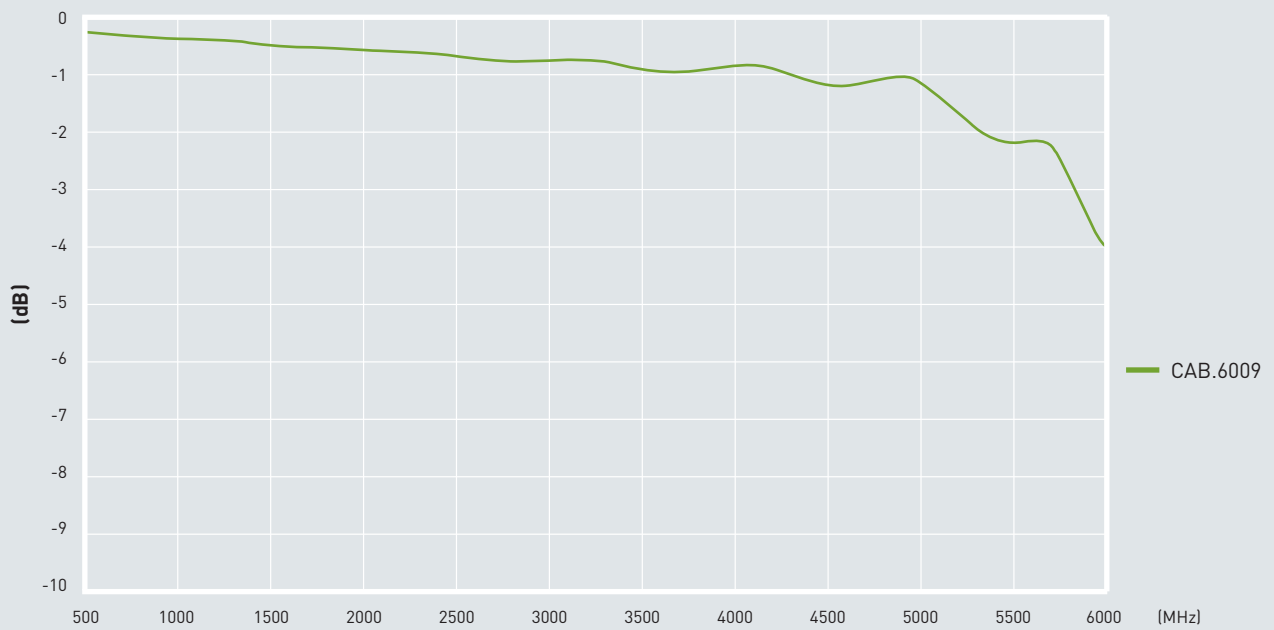
Close-up of CAB.6009

CAB.6009

Specification

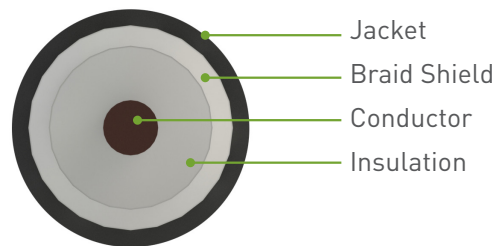
Part No.	CAB.6009
Product Name	CAB.6009 Taoglas Cable Assembly TNC(F) Jack with O-Ring to 100mm (3.94") 1.37 to IPEX MHFHT(U.FL comp)

1. Cable Insertion Loss

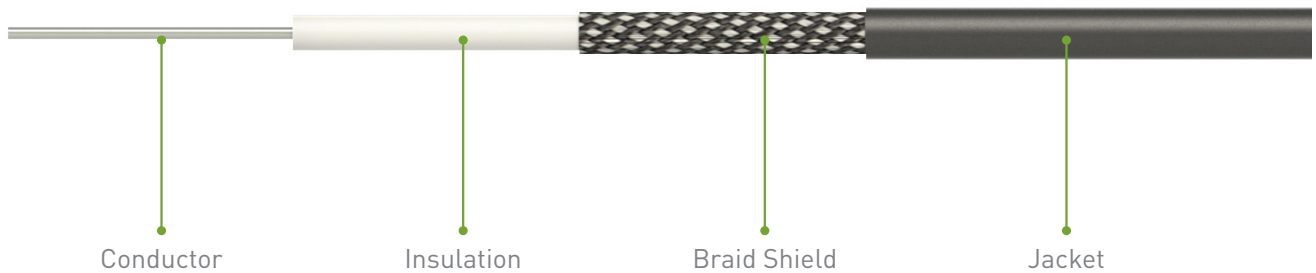


2. 1.37 Cable Specification

2.1 Drawing - Cross Section



2.2 Structure and Dimensions



Conductor

- Material - Silver Coated Copper
- 30AWG(7/0.102mm)
- Diameter - 0.31mm

Insulation

- Material - FEP
- Avg. Thickness - 0.30mm
- Diameter - $0.92 \pm 0.03\text{mm}$
- Colour - Clear

Braid Shield

- Material - Silver Coated Copper
- Structure - 16/6/0.050mm ± 0.003
- Coverage - 95%
- Diameter - $1.15 \pm 0.05\text{mm}$

Jacket

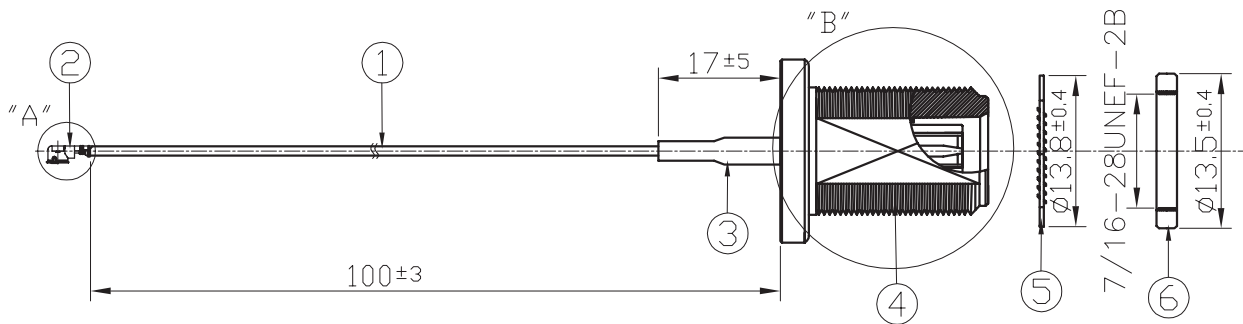
- Material - FEP
- Avg. Thickness - 0.13mm
- Diameter - $1.37 \pm 0.05\text{mm}$
- Color - Grey GY-08/Black

2.3 Electrical & Physical Specification

SPECIFICATION			
Item:			30 AWG
Rating Temp Voltage:			105°C 30V UL 1979
Insulation Resistance:			3000 MEGA OHM-KM Min.
Conductor Resistance:			335 OHM/KM/20°C Max.
Dielectric Strength:			AC 1.0 KV/minute
Spark test:			2.5 KV
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)
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)
Nom. Impedance			50 ± 3 Ohms
Nom. Capacitance			96 ± 3 pF/m
Nom. Vel. Of Prop.			69%
VSWR (0-6GHz)			Max 1.3
Flame Test			VW-1 OK
Thermal Shock			Less 1mm at 232°C/1 HR
Bend Radius			9mm min.
Attenuation (dB/1M)			2.0GHz 2.20
			2.4GHz 2.60
			3.0GHz 2.80
			4.0GHz 3.40
			5.0GHz 3.80
			6.0GHz 4.30

3. Technical Drawing

3.1 CAB.695



	Name	Material	Finish	QTY
1	1.37 Coaxial Cable	FEP	Black	1
2	IPEX MHFI Connector	Brass	Gold	1
3	Heat Shrink Tube	PE	Black	1
4	TNC(F)ST O-Ring	Brass	Ni Plated	1
5	TNC Washer	Brass	Ni Plated	1
6	TNC NUT	Brass	Ni Plated	1

3.2 Connectors

