SPECIFICATION

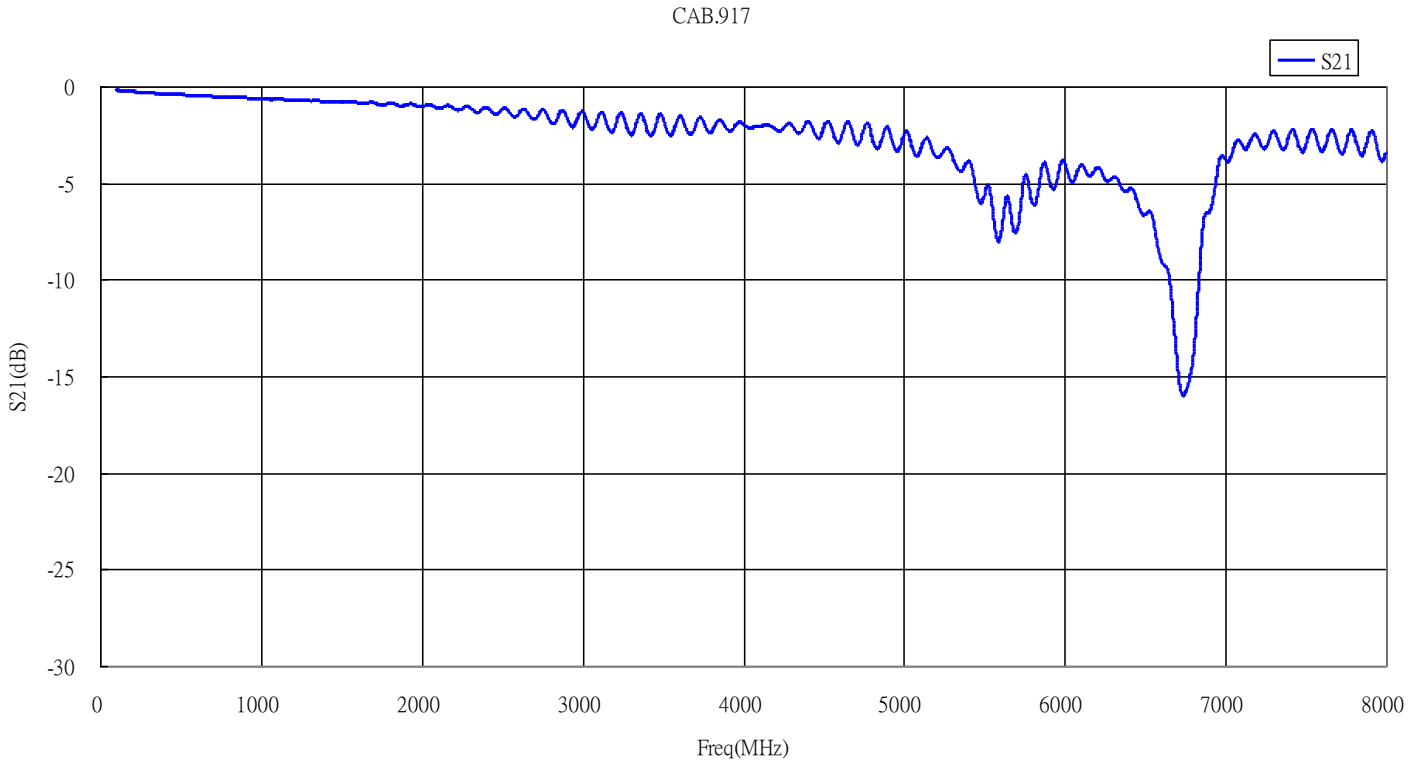
Part No. : **CAB.917**

Product Name : Taoglas Cable Assembly
N type Male Straight to
N type Female Straight
with 1M CFD-200 cable

Photo :

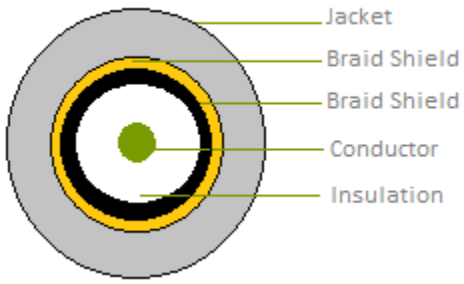


1.0 Cable Insertion Loss



2.0 CFD-200 Cable Specification

2.1 Drawing – Cross Section



2.2 Structure and Dimensions



Conductor

- Material – Bare Copper Wire
- Composition(1/1.12 mm)
- Diameter – 1.12mm

Insulation

- Material – Gas Injected Foam Polyethylene
- Avg. Thickness- 0.91mm
- Diameter – 2.95 ± 0.1mm

Braid Shield

- Material–Aluminium Foil
- Construction – 0.038mm

Braid Shield

- Material–Tinned-Copper Wire
- Structure – 16/6/0.12mm
- Coverage – 87%
- Diameter – 0.12 ± 0.008mm

Jacket

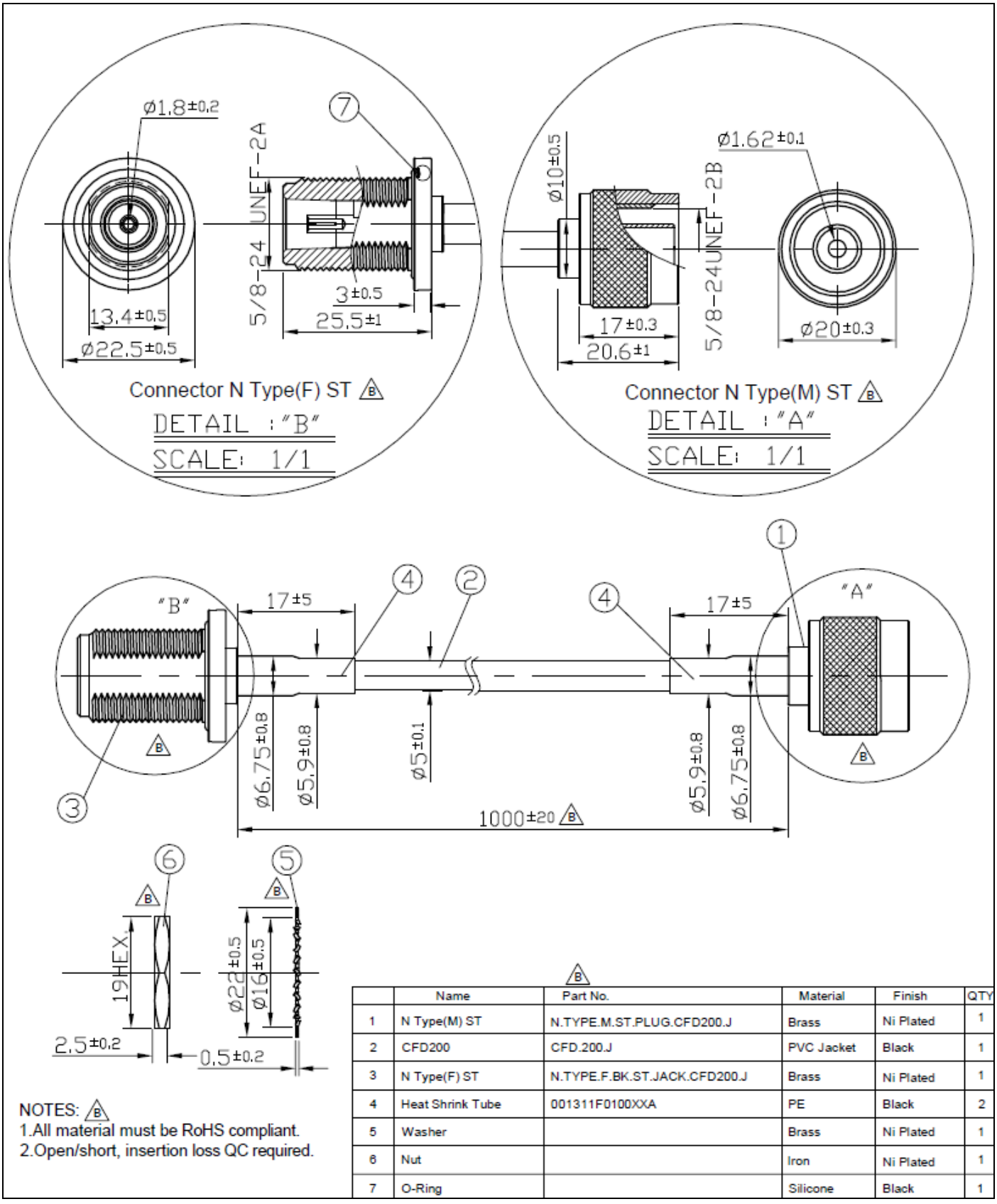
- Material – RoHS PVC
- Diameter – 4.95 ± 0.10mm
- Colour – Black

2.3 Electrical & Physical Specification

Insulation Resistance:			1000 MΩ-Km (Min)			
Capacitance			80.4 ± 3 pF/m			
Nom. Impedance			50 ± 3 Ω			
Attenuation	150MHz	450MHz	900MHz	1500MHZ	1800MHZ	2500MHZ
(dB/100M)	12.1	21.6	31.2	41.1	45.3	54.4

3.0 Technical Drawing

3.1 CAB.917



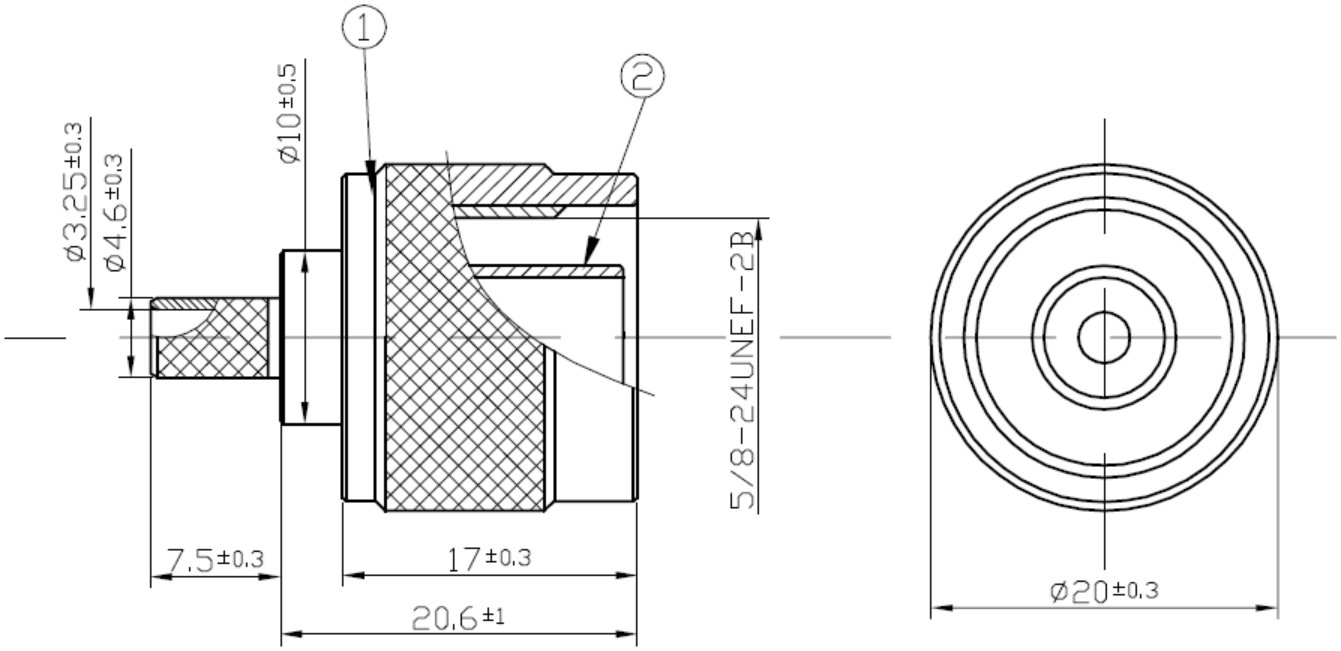
NOTES: B
1.All material must be RoHS compliant.
2.Open/short, insertion loss QC required.

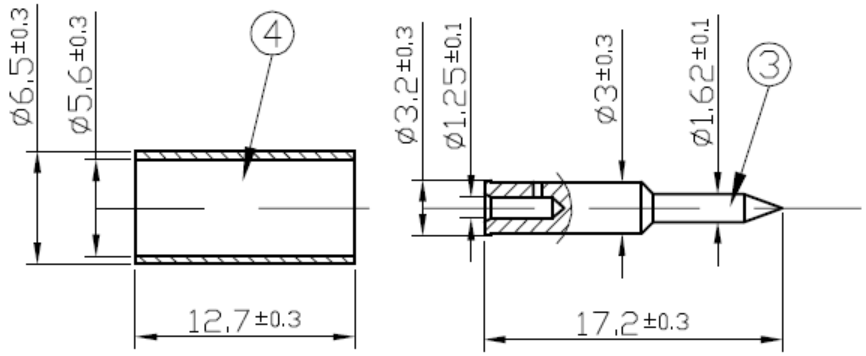
B

	Name	Part No.	Material	Finish	QTY
1	N Type(M) ST	N.TYPE.M.ST.PLUG.CFD200.J	Brass	Ni Plated	1
2	CFD200	CFD.200.J	PVC Jacket	Black	1
3	N Type(F) ST	N.TYPE.F.BK.ST.JACK.CFD200.J	Brass	Ni Plated	1
4	Heat Shrink Tube	001311F0100XXA	PE	Black	2
5	Washer		Brass	Ni Plated	1
6	Nut		Iron	Ni Plated	1
7	O-Ring		Silicone	Black	1

3.2 Connectors

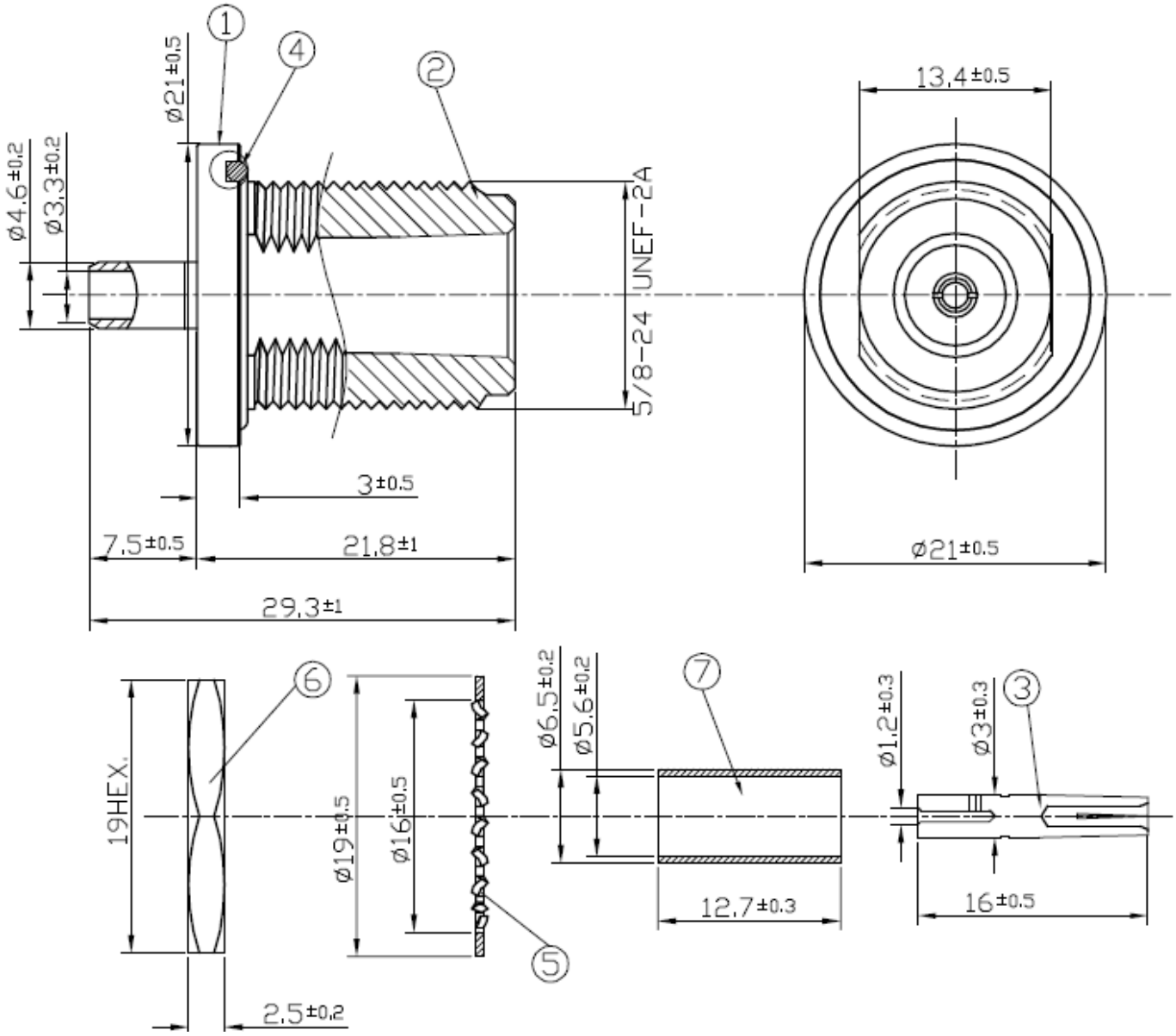
3.2.1 N Type Male





	Name	Material	Finish	QTY
1	Body	Brass	Ni Plated	1
2	Insulator	PTFE	White	1
3	PIN	Copper	Gold	1
4	Ferrule	Copper	Ni Plated	1

3.2.2 N Type Female



	Name	Material	Finish	QTY
1	Body	Brass	Ni Plated	1
2	Insulator	Teflon	White	1
3	Female Contact	Brass	Gold	1
4	O-Ring	Silicone	Black	1
5	Washer	Stainless	Ni Plated	1
6	Nut	Iron	Ni Plated	1
7	Ferrule	Brass	Ni Plated	1