

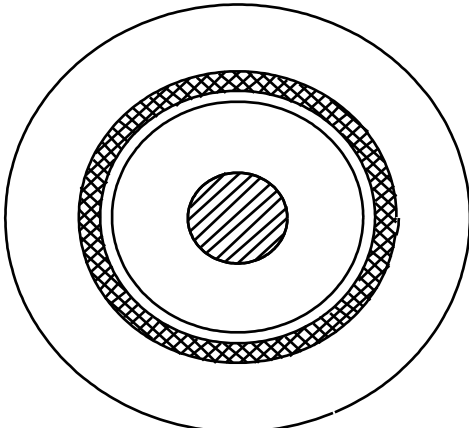


Low Loss RG58/CFD200/HDF200

Physical Characteristics

Center Conductor	1.12mm(bare copper solid)
PEF Dielectric Diameter	2.95mm
Binder	Sealed Aluminum Mylar Aluminum Tape
Braid Shield	Tinned Copper Wire Coverage: 88% ↑
Jacket	PVC or PE
Overall Diameter	5mm
Minimum Bend Radius	12.7mm

Low Loss RG58/CFD200/HDF200 Electrical Characteristics

Impedance	50 ± 2ohms		
Capacitance	24.5 pf/ft		
Velocity of Propagation	83%		
Maximum Attenuation(dB/100M) & Average Handling Power 	Freq.	Attenuation(dB/100M)	Power(KW)
	30MHz	5.8	1.02
	150MHz	13.1	0.45
	450MHz	22.8	0.26
	900MHz	32.6	0.18
	1500MHz	42.4	0.14
	2GHz	49.3	0.12
	2.5GHz	55.4	0.11
	5.8GHz	86.5	0.07

整條 Assembly 之 Loss 為以下 3 項數值之加總

- 1.接頭 Loss : $0.06 \times \sqrt{\text{頻率}}$ (2 端都有接頭則需將此數值 x2)
- 2.組裝 Loss : 0.12 (2 端都有組裝則需將此數值 x2)
- 3.線材 Loss : 依上述 Maximum Attenuation 換算需求長度之 Loss

Specifications:

Electrical:

Frequency:DC-4GHz

Material:

1.BNC Connector:

Center Pin:Brass/Gold

Insulator:Teflon

Body:Brass/Nickel

2.Heat Shrink Tube:

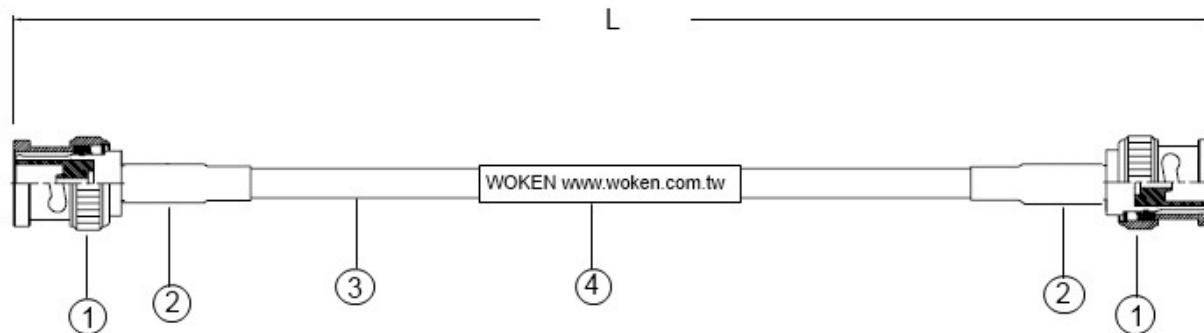
Color:Black

3.Cable:

CFD200 Coaxial Cable

4.Heat Shrink Tube:

Color:Yellow



General Tolerance				 Woken Technology Inc.	
0.5~10mm		±0.2			
11~100mm		±5.0		CODE	DWG TITLE
101~500mm		±10.0			
501~1000mm		±15.0			
1001~2000mm		±20.0			
2000~5000mm		±50.0			
UNLESS OTHERWISE SPECIFIED				SIZE A4	DWG NO.
THIRD ANGLE PROJECTION		DRAWN	Terence		
		ENGR	Jack		
		APVD	James	REV A	00100D1B8D1XXX