泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

UF Series Ultra-Flexible Assembly

UF2/N Male/TNC Male/DC-10 GHz

Model: UF2-NMTNCM-L

Features:

- Max Frequency 10 GHz
- VSWR max of 1.25
- Velocity of Propagation of 76%

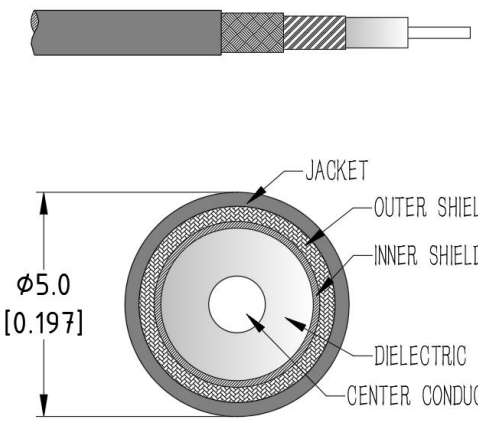
Applications:

- Test & Measurement equipment
- Manufacturing lab
- WAN system equipment

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		10	GHz
VSWR		1.20	1.25	:1
Velocity of propagation		76%		
Shielding Effectiveness	90			dB
Capacitance			81	pF/m
Phase Stability Vs. Flexure@10GHz		±2		°
Amplitude Stability Vs. Flexure@10GHz		±0.05		dB
Phase Stability Vs. Temerature		1000		PPM

Cable Cross Section:



Envrionmental And Physical Characteristics:

Description	Parameter	Units
Cable Diameter	5.0	mm
Cable Jacket	PUR	
Min. Bending Radius	20	mm
Typical Flex life	50000	
Operating Temerature	-55 to +85	℃
Storage Temerature	-55 to +85	℃

Cable Performance By Frequency:

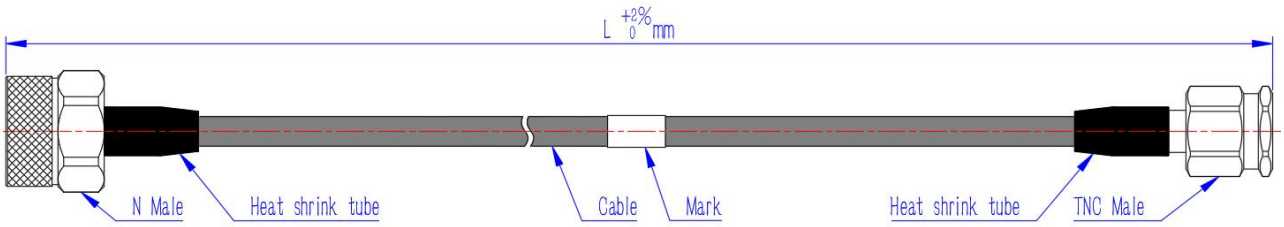
Frequency	2 GHz	4 GHz	6 GHz	8 GHz	10 GHz	12 GHz	16 GHz	18 GHz	26.5 GHz
Insertion Loss (dB/m Max)	0.56	0.82	1.03	1.22	1.39	1.55	1.84	1.98	2.52
RF Power CW (W Max.)	115	78	62	53	46	41	35	32	25

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Connectors:

Description	Connector 1	Connector 2
Type	N Straight Male	TNC Straight Male
Contact Matericl And Plating	Brass,Gold	Brass,Gold
Dielectric Type	PTFE	PTFE
Body Matericl And Plating	Passivated Stainless Steel	Passivated Stainless Steel
Insertion Loss (dB Max)	0.05*Sqrt(f_GHz)	0.05*Sqrt(f_GHz)

Outline Drawing:



Ordering Information:

Base Number	Lenth	Armour （optional）		Phase/delay Matched （optional）
UF2-NMTNCM	-L	**-A**(Black nylon woven armor)		
		-AP(PUR water proof armor)		**-XXPS**(≤±XX PS)
		-AS(Stainless steel armor)		**-XX°**(±XX°)
		-AT(Transparent armor)		

Suzhou Talent Microwave,Inc
sales@talentmw.com
www.talentmw.com

Typical Performance Data:

Model:UF2-NMTNCM-1m

Frequency	2 GHz		6 GHz		10 GHz	
	Typ	Max	Typ	Max	Typ	Max
Insertion Loss	0.63	0.70	1.15	1.28	1.55	1.71
VSWR	1.05	1.10	1.15	1.20	1.20	1.25