

High-performance flexible cable

T01/0.8 Male /0.8 Male/DC-170 GHz

Model: T01-0.8M0.8M-L

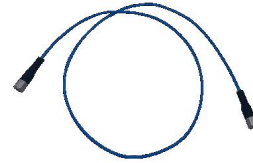
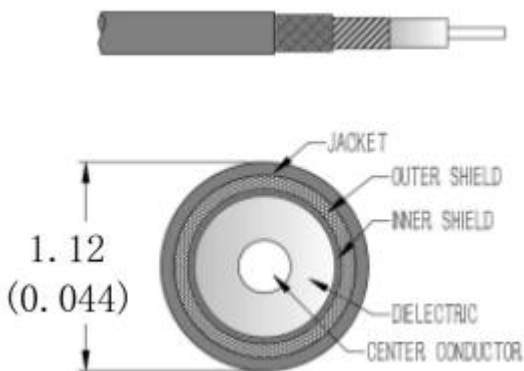
Features:

- Max Frequency 170 GHz
- VSWR:1.60 Typ
- Velocity of Propagation of 70%

Applications:

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

Cable Cross Section:



**T01-0.8M0.8M-L
(WITHOUT ARMOR)**



**T01-0.8M0.8M-L-A
(WITH 4.8MM
DIAMETER ARMOR)**

Electrical Characteristics:

Parameter	Min	Typ	Max	Units
Frequency Range	DC		170	GHz
VSWR		1.60	2.0	:1
Velocity of propagation		70%		
Shielding Effectiveness	90			dB
Capacitance			81	pF/m

Envrionmental And Physical Characteristics:

Description	Parameter	Units
Cable Diameter	1.12	mm
Cable Jacket	FEP	
Min. Bending Radius	6	mm
Typical Flex life	50000	
Operating Temperature	-55 to +125	°C
Storage Temperature	-10 to +30	°C

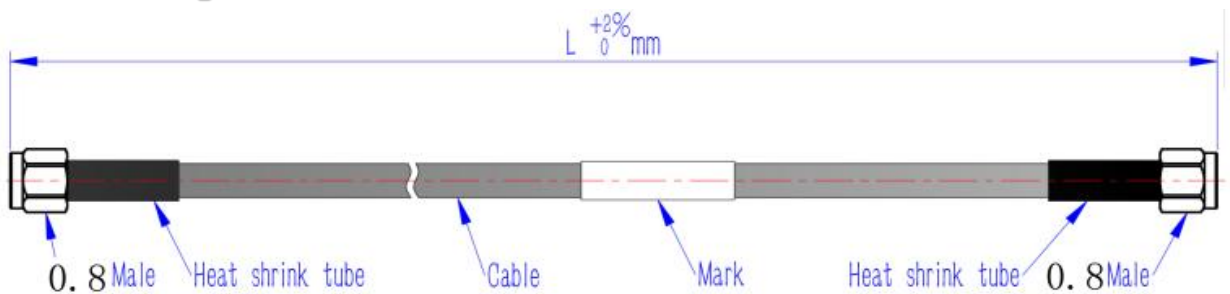
Cable Performance By Frequency

Frequency	1 GHz	3 GHz	6 GHz	10 GHz	18 GHz	26.5 GHz	40 GHz	50GHz	67 GHz	110GHz	170GHz
Insertion Loss (dB/m Max)	2.42	4.23	6.02	7.82	10.61	13.00	16.15	18.19	21.29	27.89	35.52
RF Power CW (W Max.)	12	7	5	4	3	2	2	2	1	1	1

Connectors:

Description	Connector 1	Connector 2
Type	0.8mm Straight Male	0.8mm Straight Male
Contact Material And Plating	Beryllium Copper,Gold	Beryllium Copper,Gold
Dielectric Type	PEI	PEI
Body Material And Plating	Passivated Stainless Steel	Passivated Stainless Steel
Insertion Loss (dB Max)	$0.06 * \sqrt{f_GHz}$	$0.06 * \sqrt{f_GHz}$

Outline Drawing:



Ordering Information:

Base Number	Lenth (Unit meters)	Armour	
T01-0.8M0.8M	-L	LEAVE BLANK(NOT REQUIRED) -A(with Armor)	