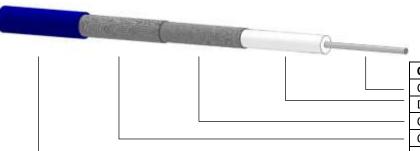
Rev	Description	Date	Ву
А	Initial Release – CDC 63277	11/21/22	JR



	Component	Dimensions (in/mm)	Material
-	Center Conductor	0.0113 (0.287)	Silver Plated Copper Clad Steel
-	Dielectric	0.0370 (0.940)	FEP
-	Outer Braid	0.0410 (1.041)	Silver Plated Copper Clad Steel
-	Outer Braid	0.0450 (1.143)	Silver Plated Copper Clad Steel
-	Jacket	0.0540 (1.422)	Blue FEP

## **Mechanical Properties**

Static Bend Radius:

Dynamic Bend Radius:

0.40 in (10.16 mm)

Maximum Outer Diameter:

0.0550 in (1.397 mm)

Maximum Weight/1000 feet:

3.77 lbs (1.71 kg)

Operating Temperature:

-65°C to +150°C

## **Electrical Properties**

Characteristic Impedance: 50 ohms nominal
Velocity of Propagation: 70% nominal
Capacitance: 28.83 pF/ft (94.59 pF/m)

## Attenuation, 25°

Fragues (CII-)	Maximum Attenuation (dB/100 ft)		
Frequency (GHz)	dB/100 ft	dB/100 m	
0.5	28.31	92.89	
1.0	40.58	133.14	
5.0	95.81	314.35	
10.0	140.87	462.19	
18.0	197.38	647.60	
26.0	245.23	804.60	
40.0	318.38	1044.60	

## **Times Microwave Systems**

358 Hall Avenue Wallingford, CT 06492 800-867-2629 www.timesmicrowave.com Product Name

TF-047

Part Number **58001** 

TIMES MICROWAVE SYSTEMS

The distribution of this document is uncontrolled. Contact Times Microwave Systems for latest revision.

Cage Code: **68999** 

Dwg No.: **AA-12121** 

Rev A