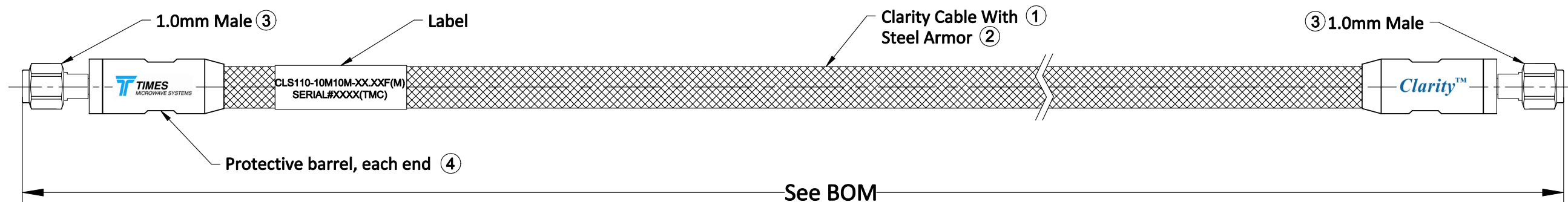


NOTICE OF PROPRIETARY RIGHTS THIS DOCUMENT CONTAINS CONFIDENTIAL DATA, INCLUDING TRADE SECRETS, PROPRIETARY TO TIMES MICROWAVE SYSTEMS. DISCLOSURE OF THIS DATA IS EXPRESSLY CONDITIONED UPON YOUR ASSENT THAT ITS USE IS LIMITED TO USE WITHIN YOUR COMPANY ONLY. ANY OTHER USE IS STRICTLY PROHIBITED WITHOUT THE PRIOR WRITTEN CONSENT OF TIMES MICROWAVE SYSTEMS.

SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
-	Preliminary	TZ	2021/10/14	JM	2021/10/14



1.RF Test Requirements:

- 1.1.VSWR: 1.45 Max @ 110GHz
- 1.2.Loss: See BOM

2.Connector Specification

- 2.1.Frequency range : DC ~ 110GHz
- 2.2.Impedance : 50 Ohm Nom.
- 2.3.Material and finish
 - 2.3.1.Body & coupling nut : Passivated stainless steel
 - 2.3.2.Center contact : Gold plated beryllium copper
 - 2.3.3.Solder body : Gold plated brass
 - 2.3.4.Bush : Passivated stainless steel
 - 2.3.5.Protective Barrel : Passivated stainless steel

3.Cable Specification

- 3.1.Center conductor:Silver plated copper
- 3.2.Dielectric: Taped PTFE
- 3.3.Outer conductor: Silver plated copper tape
Silver plated copper braids
- 3.4.Jacket: FEP
- 3.5.Armor: Steel spring armor with PTFE braids

4.Temperature Range

-55°C ~125°C

5.RoHS Compliant

Label :

CLS110-10M10M-XX.XXF(M)
SERIAL#XXXX(TMC)

No.	Configuration	Length	IL Max (@110GHz)
1	CLS110-10M10M-01.00M	1.00M±0.02M	18.20 dB
2			

Item	Part Number	Description	Qty
6			
5			
4		Protective Barrel	2pcs
3	3190-6976	1.85mm Male Connector	2pcs
2		2.5mm Flat Spring armor	See BOM
1		110GHz Cable	See BOM

MATERIAL: USED ON: O	UNLESS OTHERWISE SPECIFIED		DFTM. TZ	<p>CLS110-10M10M-XX.XXF(M)</p>
	ALL DIMENSIONS ARE IN mm MACHINED SURFACES FINISH 1.6 RMS MAX. REMOVE ALL BURRS 0.15X45° MAX. BREAK MACHINE CORNERS 0.15X45° D MAX. FILLET R. TOLERANCES ON DECIMALS .X ±0.3 .XX ±0.15 ANGLES ±2° FRACTIONS ± N/A		DATE 2021/10/14	
			CHKD KS	
			DATE 2021/10/14	
SCALE: N/A	DWG SIZE: A4	DO NOT SCALE DRAWING	APPD JM	
		CODE IDENT 68999	DATE 2021/10/14	SHEET 1 OF 1