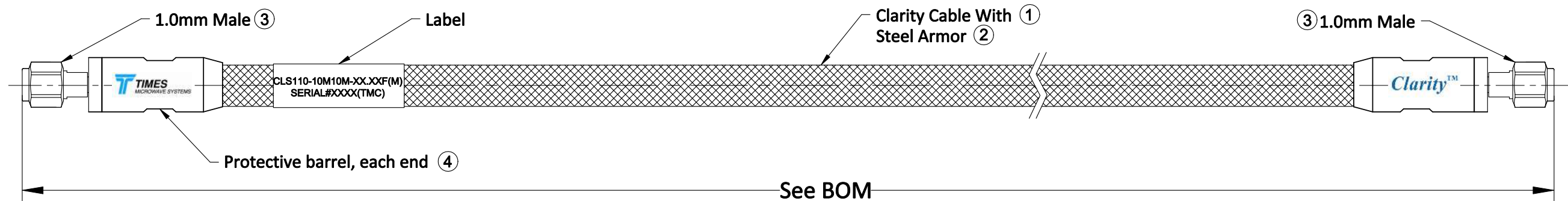


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SYM	REVISION DESCRIPTION	DFTM	DATE	APPD	APPD
-	Preliminary	TZ	2021/10/14	JM	2021/10/14



**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

MAY 15 2021 10:10 AM		UNLESS OTHERWISE SPECIFIED		DFTM. TZ		 <b>CLS110-10M10M-XX.XXF(M)</b>	
		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			
USED ON: 0				CHKD KS			
SCALE: N/A		DWG SIZE: A4		DATE 2021/10/14			
DO NOT SCALE DRAWING		CODE IDENT 68999		APPD JM		DATE 2021/10/14	
				SHEET 1 OF 1		REV -	