



1. RF test requirements:
 - 1.1. VSWR: 1.35 Max @ 50GHz
 - 1.2. Loss: 6.63dB Max @ 50GHz
2. Connector Specification
 - 2.1. Frequency range : DC ~ 50GHz
 - 2.2. Impedance : 50 Ohm Nom.
 - 2.3. Material and Finish
 - 2.3.1. Body & Hex Nut : Passivated Stainless Steel
 - 2.3.2. Insulator : PTFE & ULTEM
 - 2.3.3. Center contact & Pin : Gold plated Beryllium copper
 - 2.3.4. Solder Body : Gold plated Brass
 - 2.3.5. Bush : Passivated Stainless Steel
 - 2.3.6. Lock ring : Beryllium Copper
 - 2.3.7. Clamp nut : Nickel plated Brass
 - 2.3.8. O-ring : Silicone Rubber
3. Cable Specification
 - 3.1. Center Conductor: Silver Plated Copper Clad Steel Wire
 - 3.2. Dielectric: Solid Teflon
 - 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

Label A:

Times Microwave.Com
Clarity™ Series
CLS50-24M24M-01.00M

Label B:

SERIAL#XXXX(TMC)
WWYY

6			
5			
4			
3			
2	3190-6566	2.4mm Male Connector	2pcs
1	52115+170020	Clarity Cable with Steel Armor	1m
Item	Part Number	Description	Qty

MATERIAL:	UNLESS OTHERWISE SPECIFIED		DFTM. TZ		
	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 2019/06/24		
			CHKD KG		
			DATE 2019/06/24		
USED ON: O			APPD JZ	CLS50-24M24M-01.00M	
SCALE: N/A	DWG SIZE: A4	DO NOT SCALE DRAWING	CODE IDENT 68999	DATE 2019/06/24	SHEET 1 OF 1 AE-TMC-11319 REVIEW -