



1. RF Test Requirements:
  - 1.1. VSWR: 1.40 Max @ 70GHz
  - 1.2. Loss: See BOM
2. Connector Specification
  - 2.1. Frequency range : DC ~ 70GHz
  - 2.2. Impedance : 50 Ohm Nom.
  - 2.3. Material and finish
    - 2.3.1. Body & coupling nut : Passivated stainless steel
    - 2.3.2. Insulator : PTFE & ULTEM
    - 2.3.3. Center contact : Gold plated beryllium copper
    - 2.3.4. Solder body : Gold plated brass
    - 2.3.5. Bush : Passivated stainless steel
    - 2.3.6. 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 :

CLS70-18M18M-XX.XXF(M)  
 SERIAL#XXXX(TMC)

No.	Configuration	Length	IL Max (@70GHz)
1	CLS70-18M18M-01.00M	1.00M±0.02M	7.01 dB
2			

Item	Part Number	Description	Qty
6			
5			
4	SA000492	Protective Barrel	2pcs
3	3190-6868	1.85mm Male Connector	2pcs
2	170132	3.2mm Flat Spring armor	See BOM
1	170133	70GHz Cable	See BOM

MATL:	UNLESS OTHERWISE SPECIFIED		DFTM:	TZ	 An Amphenol Company		
	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:	2021/07/21			
			CHKD:	KS			
			DATE:	2021/07/21			
USED ON: O			APPD:	JM	<b>CLS70-18M18M-XX.XXF(M)</b>		
SCALE: N/A	DWG SIZE: A4	DO NOT SCALE DRAWING	CODE IDENT:	68999		DATE: 2021/07/21	SHEET: 1 OF 1