



- 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)

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
Item	Part Number	Description	Qty

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

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