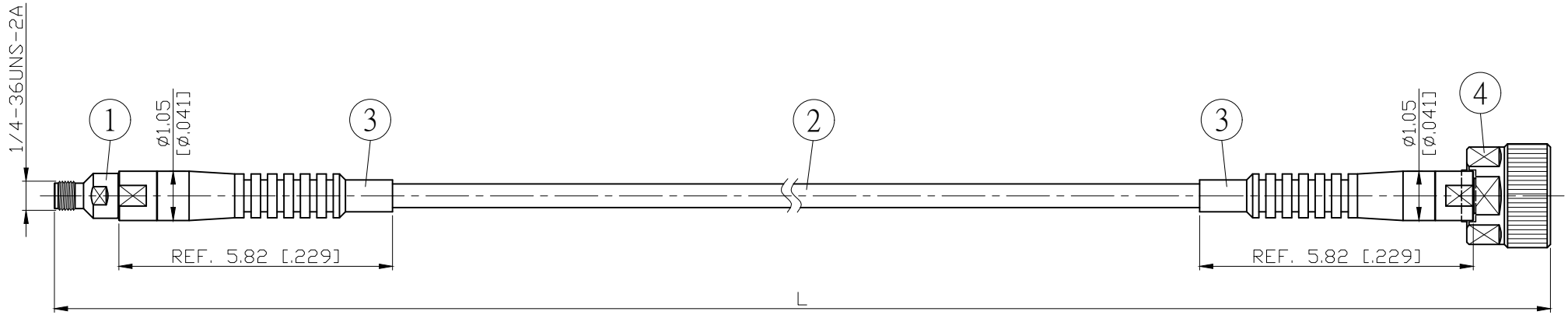
NO.	COMPONENTS	IMPEDANCE
1	K FEMALE	50 OHM
2	PHASETEST2	50 OHM
3	SLEEVE	
4	3.5 NMD FEMALE	50 OHM

REVISION			
REV.	DESCRIPTON	DATE	APPROVED
–	INITIAL RELEASE	2021/01/10	

K FEMALE

3.5 NMD FEMALE



L CM (INCH)	L1 M (MM)
50 (19.685)	0.478 (477.5)
100 (39.370)	0.978 (977.5)
150 (59.055)	1.478 (1477.5)
200 (78.740)	1.978 (1977.5)
Custom length in CM	– – –

Spec	Phase stability vs bending(1)	Amplitude stability vs bending(2)	Max VSWR	Max IL	Flexure life cycle(3)
3GHz	±0.3˚ typ / ±0.5˚ max	±0.005dB typ / ±0.01dB max	1.12 : 1	≤ (0.0128dB/cm*Lcm)+0.15dB	≥ 100000
6GHz	±0.5˚ typ / ±0.75˚ max	±0.0075dB typ / ±0.015dB max	1.15 : 1	≤ (0.0189dB/cm*Lcm)+0.20dB	
12.4GHz	±0.75˚ typ / ±1.0˚ max	±0.01dB typ / ±0.02dB max	1.20 : 1	≤ (0.0293dB/cm*Lcm)+0.25dB	
18GHz	±1.0˚ typ / ±1.5˚ max	±0.015dB typ / ±0.03dB max	1.25 : 1	≤ (0.0361dB/cm*Lcm)+0.30dB	
26.5GHz	±1.5˚ typ / ±2.0˚ max	±0.02dB typ / ±0.04dB max	1.25 : 1	≤ (0.0450dB/cm*Lcm)+0.40dB	

Notes:
1. Operating Temp.: -40˚C / +105˚C
2. Static bend radius 15mm
3. Dynamic bend radius 30mm
4. RoHS Compliant

(1) Per IEC 60966-1, section 8.6, method 1
(2) Per IEC 60966-1, section 8.4
(3) Per IEC 60966-1, section 9.3

NO.	PARTS NO.	DESCRIPTION	Q'TY	U/M
4	U-3.5N-F	3.5 NMD JACK	1	EA
3	U-PT2	SLEEVE	2	EA
2	PHASETEST2	CABLE	SEE TABLE L1	M
1	U-2.92-F	K JACK	1	EA

LENGTH TOLERANCE IS ±1.5% OR ±10MM, WHICHEVER IS GREATER.

STANDARD | REV – | UNIT CM(INCH)

APPROVED DATE

CHECKED DATE

DRAWING Albert DATE

JYE BAO CO., LTD.

TAIPEI TAIWAN

DESCRIPTION: CABLE ASSEMBLY K JACK TO 3.5 NMD JACK

JYE BAO DRAWING NO.: K80PC8N-PT2-26.5GXXX