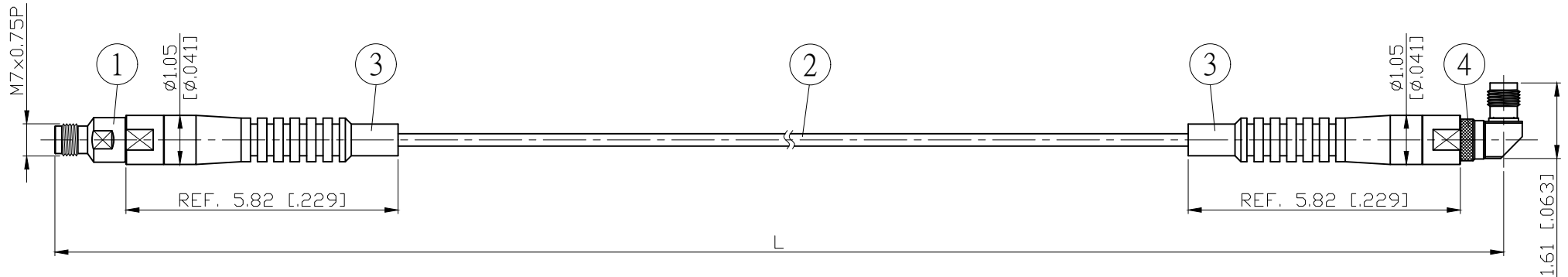


NO.	COMPONENTS	IMPEDANCE
1	2.4 FEMALE	50 OHM
2	5002A	50 OHM
3	SLEEVE	
4	2.4 FEMALE RIGHT ANGLE	50 OHM

REVISION			
REV.	DESCRIPTON	DATE	APPROVED
-	INITIAL RELEASE	2021/03/24	

2.4 FEMALE

2.4 FEMALE
RIGHT ANGLE



L CM (INCH)	L1 M (MM)
50 (19.685)	0.483 (482.5)
100 (39.370)	0.983 (982.5)
150 (59.055)	1.483 (1482.5)
200 (78.740)	1.983 (1982.5)
Custom length in CM	- - -

Spec	Phase stability vs bending ⁽¹⁾	Amplitude stability vs bending ⁽²⁾	Max VSWR	Max IL	Flexure life cycle ⁽³⁾
3GHz	$\pm 0.3^\circ$ typ / $\pm 0.5^\circ$ max	± 0.005 dB typ / ± 0.01 dB max	1.12 : 1	$\leq (0.0128$ dB/cm*Lcm)+0.15dB	≥ 100000
6GHz	$\pm 0.5^\circ$ typ / $\pm 0.75^\circ$ max	± 0.0075 dB typ / ± 0.015 dB max	1.15 : 1	$\leq (0.0189$ dB/cm*Lcm)+0.20dB	
12.4GHz	$\pm 0.75^\circ$ typ / $\pm 1.0^\circ$ max	± 0.01 dB typ / ± 0.02 dB max	1.20 : 1	$\leq (0.0293$ dB/cm*Lcm)+0.25dB	
18GHz	$\pm 1.0^\circ$ typ / $\pm 1.5^\circ$ max	± 0.015 dB typ / ± 0.03 dB max	1.25 : 1	$\leq (0.0361$ dB/cm*Lcm)+0.30dB	
26.5GHz	$\pm 1.5^\circ$ typ / $\pm 2.0^\circ$ max	± 0.02 dB typ / ± 0.04 dB max	1.25 : 1	$\leq (0.0450$ dB/cm*Lcm)+0.40dB	
40GHz	$\pm 2.0^\circ$ typ / $\pm 3.5^\circ$ max	± 0.03 dB typ / ± 0.06 dB max	1.30 : 1	$\leq (0.0568$ dB/cm*Lcm)+0.50dB	
50GHz	$\pm 3.0^\circ$ typ / $\pm 8.0^\circ$ max	± 0.04 dB typ / ± 0.08 dB max	1.30 : 1	$\leq (0.0640$ dB/cm*Lcm)+0.70dB	

Notes:

- Operating Temp.: -40°C / +105°C
- Static bend radius 5.1mm
- Dynamic bend radius 20mm
- 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

					STANDARD	REV -	UNIT CM(INCH)	JYE BAO CO., LTD.	
					APPROVED			TAIPEI TAIWAN	
					CHECKED			DESCRIPTION CABLE ASSEMBLY 2.4 JACK TO 2.4 JACK R/A	
					DRAWING			JYE BAO DRAWING NO. 24802489-52A-50GXXX	
4	U-2.4-F-RA	2.4 JACK R/A	1	EA	LENGTH TOLERANCE IS $\pm 1.5\%$ OR ± 10 MM, WHICHEVER IS GREATER.				
3	U-5002A	SLEEVE	2	EA					
2	5002A	CABLE	SEE TABLE L1	M					
1	U-2.4-F	2.4 JACK	1	EA					
NO.	PARTS NO.	DESCRIPTION	Q'TY	U/M					

Albert