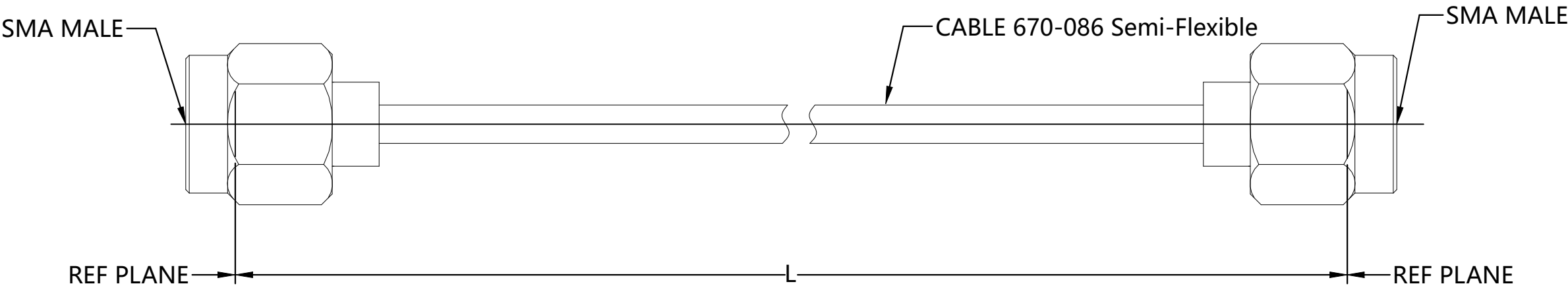


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	ECN-24-256312;GTP	18MAR2024	TP	WH

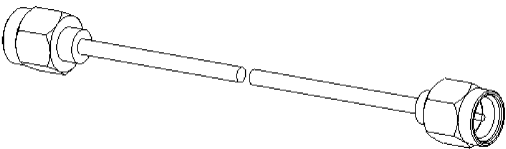


NOTES:

- 1 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- 2 ELECTRICAL CHARACTERISTICS :
FREQUENCY RANGE : DC-18 GHz
NOMINAL IMPEDANCE : 50 OHMS
INSULATION RESISTANCE : >5000 MOHMS
WORKING VOLTAGE : 335 VRMS MAX
DIELECTRIC WITHSTANDING VOLTAGE : >1000 VOLTS
- 3 MECHANICAL CHARACTERISTICS :
DURABILITY : 500 CYCLES
CABLE RETENTION FORCE : >20lbs
CABLE STATIC BENDING RADIUS : >6 MM
- 4 TEMPERATURE RANGE: -55°-+125°
- 5 RoHS: COMPLIANT.
- 6 CONNECTOR SIDE A & B
CENTER CONTACT: BRASS, 30 MICROINCHES GOLD PLATED,
100 MICROINCHES OVER NICKEL UNDERPLATED, 50 MICROINCHES OVER
COPPER UNDERPLATED
INSULATION: PTFE
BODY: BRASS, 3 MICROINCHES GOLD PLATED, 100 MICROINCHES
OVER NICKEL UNDERPLATED, 50 MICROINCHES OVER COPPER
UNDERPLATED.
- 7 CABLE 670-086 (DETAIL REFER TO SHEET 2)

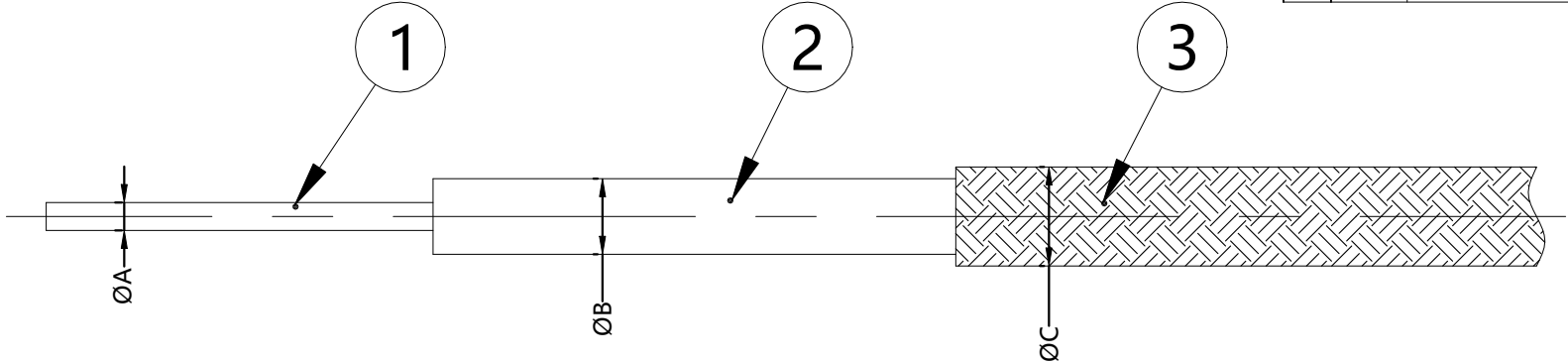
1	1	1	1	1	1	1	1	1	1	PC	/	SMA MALE CONNECTOR	3
254.0	609.6	457.2	304.8	203.2	177.8	152.4	127	101.6	76.2	mm	/	CABLE 670-086 (Semi Flexible)	2
1	1	1	1	1	1	1	1	1	1	PC	/	SMA MALE CONNECTOR	1
1-0	-9	-8	-7	-6	-5	-4	-3	-2	-1	U/N	TEPN	DESCRIPTION	ITEM
QUANTITY PER ASSY											PARTS LIST		

TEPN	L(mm)	IL(MAX)	VSWR
2480661-1	76.2±1.2	0.69 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-2	101.6±1.2	0.76 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-3	127.0±2.5	0.85 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-4	152.4±2.5	0.93 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-5	177.8±2.5	1.02 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-6	203.2±2.5	1.15 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-7	304.8±3.8	1.50 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-8	457.2±3.8	2.05 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
2480661-9	609.6±3.8	2.60 dB(DC-18GHz)	1.28 MAX(DC-18GHz)
1-2480661-0	254.0±2.5	1.33 dB(DC-18GHz)	1.28 MAX(DC-18GHz)



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 11JAN2024	TE Connectivity	
		CHK ED 11JAN2024		
		APVD WH 11JAN2024	NAME SMA M TO SMA M ST Hand Formable	
DIMENSIONS: mm		PRODUCT SPEC SEE NOTES		
		APPLICATION SPEC		
		SIZE	CAGE CODE	DRAWING NO
MATERIAL SEE TABLE		WEIGHT 0	A300779	C-2480661
		CUSTOMER DRAWING		RESTRICTED TO
		SCALE 1:1	SHEET 1 OF 2	REV A

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	-	SEE SHEET 1	-	-	-



NOTES:
attenuation
(25°C room temperature test conditions)

Frequency(GHz)	Attenuation (dB/m)
0.5	0.45
1.0	0.64
5.0	1.51
10	2.22
20	3.29

ELECTRICAL CHARACTERISTICS

Capacitance(pF/m)	95
Impedance(Ω)	50
Transmission rate (%)	70
Cut-off frequency (GHz)	61
Delay (ns/m)	4.7
Dielectric withstanding voltage(Kvrms)	1.5

MECHANICAL CHARACTERISTICS

Min.bending radius static (mm)	6
Min.bending radius static (mm)	20
Operating temperature (°C)	-55~+125

Non-magnetic requirements:
Magnetic inductance intensity<10mGs

3	Outer conductor	Braided tin-dipped copper wire	ØC=2.15±0.05
2	INSULATOR	PTFE	ØB=1.65±0.03
1	Inner conductor	Silver plated copper clad steel wire	ØA=0.52±0.02
NO.	DESCRIPTION	MATERIAL	DIAMETER(mm)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
SEE TABLE

FINISH
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± 5

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± 5

DWN TP 11JAN2024

CHK ED 11JAN2024

APVD WH 11JAN2024

PRODUCT SPEC

APPLICATION SPEC

WEIGHT 0

CUSTOMER DRAWING

TE Connectivity

NAME
SMA M TO SMA M ST Hand Formable

SIZE
A3

CAGE CODE
00779

DRAWING NO
C-2480661

RESTRICTED TO
-

SCALE
1:1

SHEET
2 OF 2

REV
A