

Matrix PN:TM7SMXXSXXSXXC(X)

① ① ② ③

Insertion Loss Table(dB Max)

Cable Length "XXX"	6GHz	14GHz	26.5GHz	40GHz	50GHz	65GHz
016	0.64	0.97	1.35	1.80	2.12	2.56
023	0.78	1.18	1.65	2.19	2.57	3.12
031	0.93	1.42	2.00	2.64	3.08	3.75
046	1.21	1.87	2.65	3.48	4.04	4.93

Note: Specification For 0.079" Coaxial Cable

TABLE 1:CONNECTORS

Code	Type	Gender	Frequency(GHz)
H2	COREHC	N/A	0~65
8M/8F	1.85mm	M/F	0~65
4M/4F	2.4mm	M/F	0~50
9M/9F	2.92mm	M/F	0~40
5M/5F	3.5mm	M/F	0~26.5
2M/2F	SMA	M/F	0~26.5
ST	SMPM	F	0-18

Note:Other Unspecified Connector Can be Customized

TABLE 2:Orientation

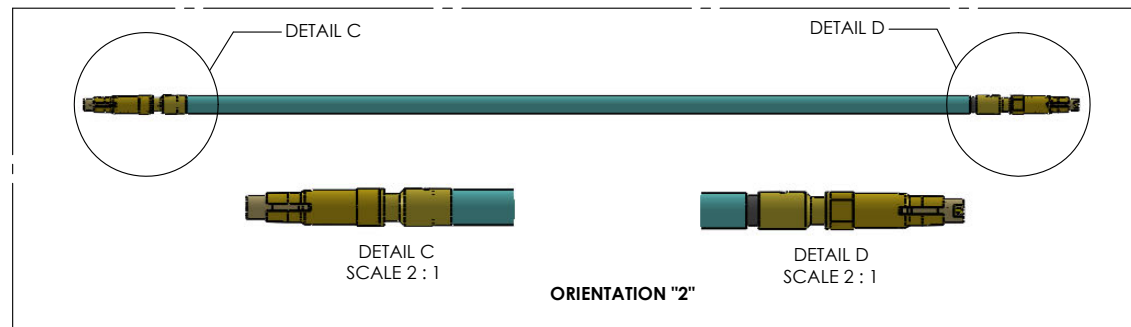
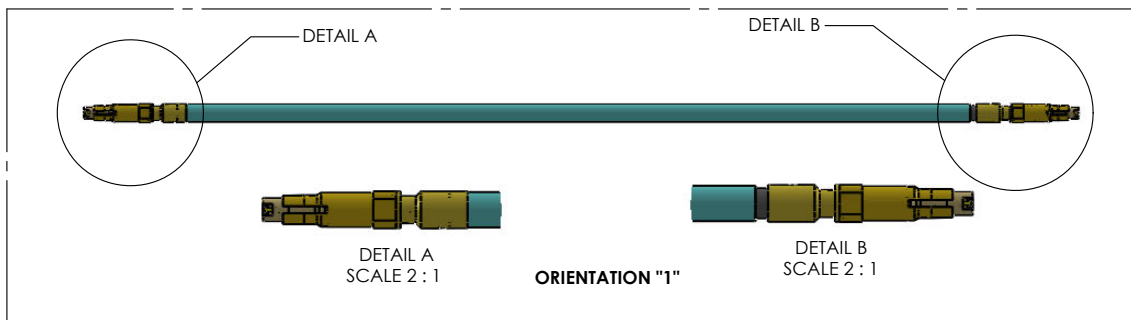
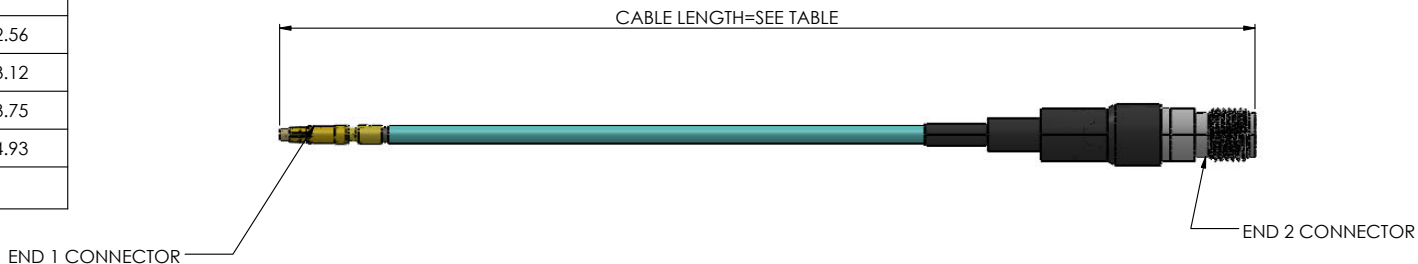
Code	Orientation
1	SAME
2	OPPOSITE

NOTE(S):

- ①. XX CODE DEFINES CONNECTOR END 1&2,SEE TABLE 1.
  - ②. XXX CODE DEFINES LENGTH IN cm. EXAMPLE:016 EQUALS 16cm.
  - ③. (X) CODE DEFINES ORIENTATION WHEN BOTH END ARE H2S CONNECTOR,SEE TABLE 2 AND ORIENTATION VIEWS.
4. 079 FLEX COAXIAL CABLE.  
 5.PHASE MATCHED IN PAIRS: ±2pS.  
 6.HEAT SHRINK TUBING IS MEDIUM LENGTH.

ISO2768-V (mm)					
6~30	30-120	120~400	400~1K	1K~2K	>2K
±1	±1.5	±2.5	±4	±6	±8
ISO2768-F (mm)					
0.5~3	3~6	6~30	30~120	120~400	400~1000
±0.05	±0.05	±0.1	±0.1	±0.2	±0.3

REV.	DESCRIPTION	DATE	BY
-	PRELIMINARY RELEASED	28.Aug.25	Evan



* KEY DIMENSION (XX) REF. DIMENSION FOR REF. ONLY	DRAWN: Evan Huang		
	CHECKED:		
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		DESCRIPTION: CoreHC 078 Assy,XXX to XXX 50 Ω ,XXXcm, ±2pS	REVISION: -
		SCALE 1:1	SIZE A4
			SHEET 1 OF 1