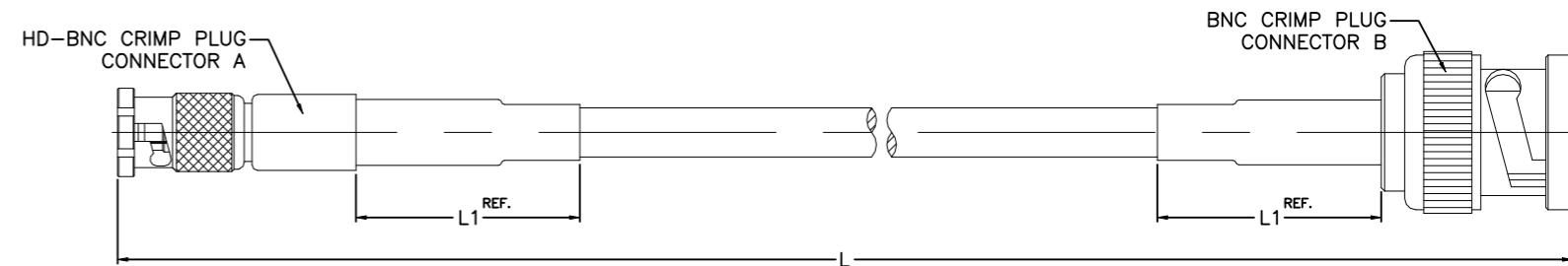


NOTES:

- 1 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- 2 ELECTRICAL CHARACTERISTICS :  
 FREQUENCY RANGE : DC-4 GHz  
 NOMINAL IMPEDANCE : 75 OHMS  
 INSULATION RESISTANCE : TBA MOHMS  
 WORKING VOLTAGE : 170 VRMS MAX  
 DIELECTRIC WITHSTANDING VOLTAGE : >250 VOLTS max
- 3 MECHANICAL CHARACTERISTICS :  
 DURABILITY : 500 CYCLES  
 CABLE RETENTION FORCE(CABLE ASSEMBLY): 20lbs min.
- 4 TEMPERATURE RANGE: -30°-+75°;
- 5 RoHS: COMPLIANT.
- 6 CONNECTOR SIDE A(HD-BNC CRIMP PLUG)  
 CENTER CONTACT: PHOSPHOR BRONZE, 10 MICROINCHES GOLD PLATED OVER NICKEL UNDERPLATED OVER COPPER UNDERPLATED.  
 INSULATION: PTFE.  
 OUTER CONTACT: BERYLLIUM COPPER, 100 MICROINCHES NICKEL PLATED,OVER COPPER UNDERPLATED.  
 BODY: BRASS, 100 MICROINCHES NICKEL PLATED OVER COPPER UNDERPLATED.
- 7 CONNECTOR SIDE B(BNC CRIMP PLUG)  
 CENTER CONTACT: PHOSPHOR BRONZE 10 MICROINCHES GOLD PLATED OVER NICKEL UNDERPLATED COPPER UNDERPLATED.  
 INSULATION: PTFE.  
 BODY: BRASS, 100 MICROINCHES NICKEL PLATED OVER COPPER UNDERPLATED.

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP PER ECN-24-271430	18JUN2024	ED	WH



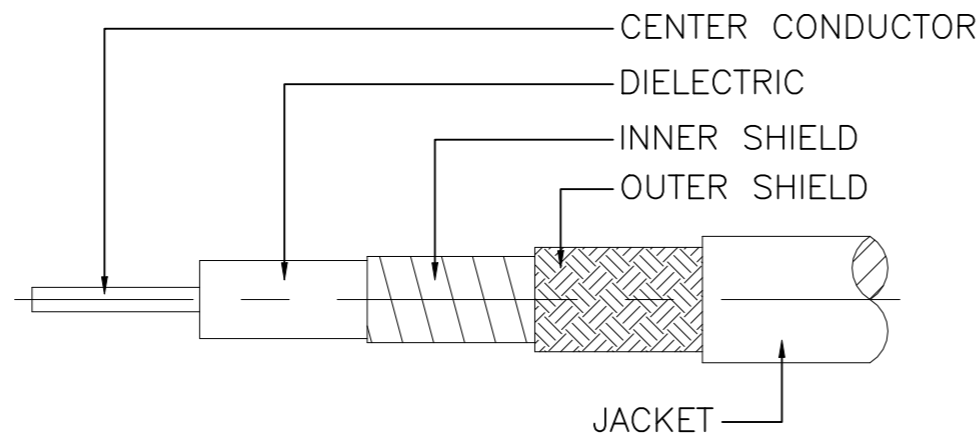
TEPN	L(mm)	HST (L1)	INS LOSS(MAX)	VSWR
2483396-1	152±6	19	<0.6dB(DC-4GHz)	<1.35 (DC-4GHz)
2483396-2	305±6	19	<0.8dB(DC-4GHz)	<1.35 (DC-4GHz)
2483396-3	914±13	38	<1.3dB(DC-4GHz)	<1.35 (DC-4GHz)

QTY	UNIT	DESCRIPTION	ITEM			
2	2	2	PC	/	HEAT SHRINK TUBING (BLACK)	4
1	1	1	PC	/	BNC CRIMP PLUG	3
888	279	126	mm	/	CABLE: NFC55a NF CABLE SPEC REFER TO SHEET 2	2
1	1	1	PC	/	HD-BNC CRIMP PLUG	1
-3	-2	-1	U/N	TEPN	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN 05MAR2024 SIDDHARTH SINGH	<b>STE</b> TE Connectivity Ltd.	
		CHK 05MAR2024 ERIC DAI		
DIMENSIONS: mm		APVD 05MAR2024 WENKE HE	NAME BNC M to HDBNC M Str 75 Ohm NFC55a,LENGTH=L	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC	-	
0 PLC ± -		APPLICATION SPEC	-	
1 PLC ± -		WEIGHT 0	SIZE A3	CAGE CODE 00779
2 PLC ± -		DRAWING NO C-2483396		RESTRICTED TO -
3 PLC ± -		CUSTOMER DRAWING		
4 PLC ± -		SCALE 1:1		
ANGLES ± -		SHEET 1 OF 2		
FINISH -		REV A		

REVISIONS

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



PERFORMANCE:

ITEM	VALUE
Characteristic Impedance	75 ohms
Operating Frequency	6 GHz
Capacitance	53 pF/m
Conductor resistance	65.9 Ω/kM (MAX.)
Insulation resistance	1000 MΩ/Km (Min.)
Withstand Voltage	1000 V/DC
Rating Temperature	60°C
Operating Temperature	-30°C ~ 75°C
Bend Radius : Installation	40 mm

MATERIAL AND DIAMETER:

ITEM	MATERIAL	DIAMETER (mm)	REMARK
Center Conductor	Bare Copper	0.584 ±0.02	Solid
Dielectric	GAS-FPE	2.59 ±0.1	Solid
Inner Shield	Double Bonded Aluminum Foil		Tape
Outer Shield	Tinned Copper		Braid
Jacket	PVC	4.0 ±0.2	Black

ATTENUATION:

FREQUENCY (MHz)	(dB/100M)
1000	34.7
1500	40.1
2000	51.7
2250	57.3
3000	65.7
4500	82.3
6000	90.0

RETURN LOSS:

FREQUENCY (MHz)	Minimum RL (dB)
5-1600	23
1600-4500	21
4500-6000	15

Suitable Applications: SMPTE 2081-1 6 Gb/s UHD TV, SMPTE 424M 3 Gb/s HD-SDI 1080p

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SIDDHARTH SINGH 05MAR2024	TE Connectivity Ltd.													
DIMENSIONS: mm		CHK ERIC DAI 05MAR2024														
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WENKE HE 05MAR2024	NAME BNC M to HDBNC M Str 75 Ohm NFC55a,LENGTH=L													
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ANGLES	± -															
MATERIAL		APPLICATION SPEC	-													
FINISH		WEIGHT	SIZE	RESTRICTED TO												
-		-	A3	-												
		CAGE CODE	DRAWING NO													
		-	00779	-												
		G=2483396														
CUSTOMER DRAWING		SCALE	SHEET	REV												
		1:1	2 OF 2	A												