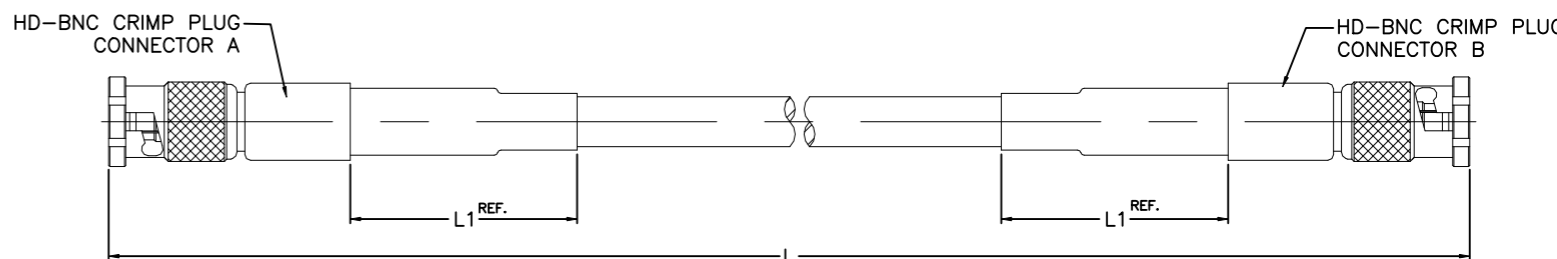


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	GTP PER ECN-24-271430	18JUN2024	ED	WH

NOTES:

- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- ELECTRICAL CHARACTERISTICS :
 FREQUENCY RANGE : DC-12 GHz
 NOMINAL IMPEDANCE : 75 OHMS
 INSULATION RESISTANCE : TBA MOHMS
 WORKING VOLTAGE : 170 VRMS MAX
 DIELECTRIC WITHSTANDING VOLTAGE : >250 VOLTS max
- MECHANICAL CHARACTERISTICS :
 DURABILITY : 500 CYCLES
 CABLE RETENTION FORCE(CABLE ASSEMBLY): 20lbs min.
- TEMPERATURE RANGE: -30°-+75°;
- RoHS: COMPLIANT.
- CONNECTOR SIDE A - B(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.



TEPN	L(mm)	HST (L1)	INS LOSS(MAX)	VSWR
2483407-1	305±6	19	<1.1dB(DC-12GHz)	<1.4 (DC-6GHz) <1.6 (6-12GHz)
2483407-2	500±6	38	<1.3dB(DC-12GHz)	<1.4 (DC-6GHz) <1.6 (6-12GHz)
2483407-2	1000±13	38	<1.9dB(DC-12GHz)	<1.4 (DC-6GHz) <1.6 (6-12GHz)

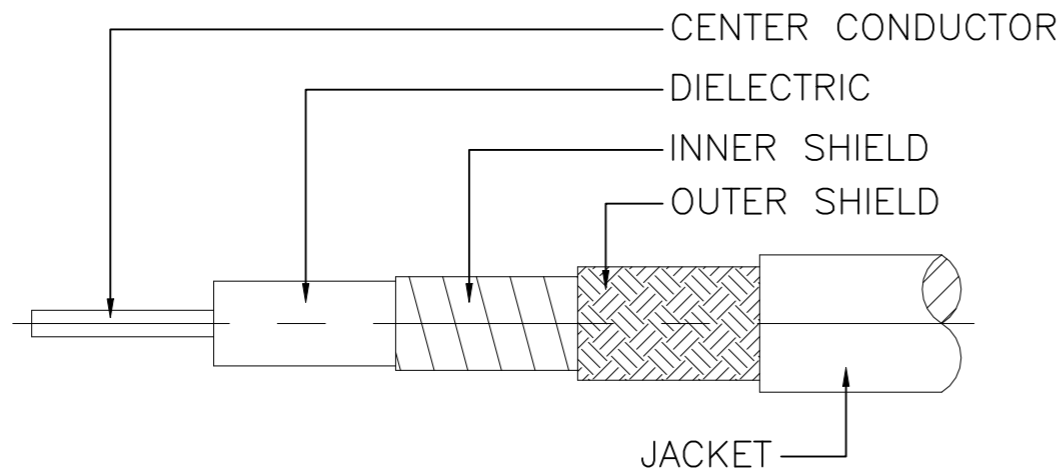
QUANTITY PER ASSY					PARTS LIST					
				2	2	2	PC	/	HEAT SHRINK TUBING (BLACK)	3
				968	468	273	mm	/	CABLE: NFC55a NF CABLE SPEC REFER TO SHEET 2	2
				2	2	2	PC	/	HD-BNC CRIMP PLUG	1
				-3	-2	-1	U/N	TEPN	DESCRIPTION	ITEM

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SIDDHARTH SINGH 06MAR2024	STE TE Connectivity Ltd.	
		CHK ERIC DAI 06MAR2024		
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WENKE HE 06MAR2024
		0 PLC ± -	NAME HDBNC M to M Str 12G 75 Ohm NFC55a,LENGTH=L	
		1 PLC ± -	PRODUCT SPEC	
		2 PLC ± -	APPLICATION SPEC	
		3 PLC ± -	SIZE	
		4 PLC ± -	CAGE CODE	
		ANGLES ± -	DRAWING NO	
MATERIAL		FINISH	RESTRICTED TO	
			WEIGHT	
			0	
			A3 00779 C-2483407	
CUSTOMER DRAWING		SCALE		1:1
		SHEET		1 OF 2
		REV		A

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

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DIMENSIONS: mm		CHK ERIC DAI 06MAR2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WENKE HE 06MAR2024	NAME HDBNC M to M Str 3G 75 Ohm NFC55a,LENGTH=L	
0 PLC ± -		PRODUCT SPEC	-	
1 PLC ± -		APPLICATION SPEC	-	
2 PLC ± -		WEIGHT	-	
3 PLC ± -		SIZE	CAGE CODE	DRAWING NO
4 PLC ± -		A3	00779	C-2483407
ANGLES ± -		RESTRICTED TO		
FINISH		-		
MATERIAL		CUSTOMER DRAWING		
		SCALE	SHEET	REV
		1:1	2 OF 2	A