	4	3				2			
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	NOTES:						P	LTR A	GTP PER ECN
D	1 ALL DIMENSIONS ARE NOMINAL FO ONLY UNLESS OTHERWISE STATED;								
	2 <u>ELECTRICAL CHARACTERISTICS :</u> FREQUENCY RANGE : DC-4 GHz NOMINAL IMPEDANCE : 75 OHMS INSULATION RESISTANCE : TBA MC WORKING VOLTAGE : 170 VRMS M DIELECTRIC WITHSTANDING VOLTAG	1AX	HD-BNC CRIMP PLU CONNECTOR		20 ^{REF.}			·) (
	3 <u>MECHANICAL CHARACTERISTICS :</u> DURABILITY : 500 CYCLES CABLE RETENTION FORCE(CABLE #	ASSEMBLY): 40lbs min.							
	4 TEMPERATURE RANGE: -30°-+75°	· ,		[TEP	N		L(r	mm)
	5 Rohs: COMPLIANT.				24834				2±6
С	6 <u>CONNECTOR SIDE A(HD-BNC CRIM</u>			·	24834	11/-:	2	30	5±8
_	CENTER CONTACT: PHOSPHOR BRO GOLD PLATED OVER NICKEL UNDER UNDERPLATED. INSULATION: PTFE. OUTER CONTACT: BERYLLIUM COPP NICKEL PLATED OVER COPPER UNE BODY: BRASS, 100 MICROINCHES N COPPER UNDERPLATED.	RPLATED OVER COPPER ER, 100 MICROINCHES DERPLATED.		1			I		
	7 <u>CONNECTOR SIDE B(BNC CRIMP JA</u> CENTER CONTACT: PHOSPHOR BRO				2	2	PC		/
В	PLATED OVER NICKEL UNDERPLATED				1	1	PC		/
	INSULATION: PTFE. Body: brass, 100 Microinches N	NICKEL PLATED OVER			276	123	mm		/
	COPPER UNDERPLATED.				1	1	PC		/
					-2	-1	U/N		TEPN
				QUANTITY PEF	R ASSY				
			THIS DRAWING IS			r. dwn Sii	DDHART		6MAR2024 ЭН

				2										
	1							I	REVISIONS					
					P	LTR			DESCRIPTION		D.	ATE	DWN	APVD
						A	GTP PE	R ECN-24-	271430		18JU	JN2024	ED	WH
						•								
HD-BNC CO	CRIMP PLUG DNNECTOR A												<	
-		<u> </u>	-20 ^{<u>REF.</u>}	_			—L		20 ^{RE}	₽ 				
		—	TED				/							
		-			1		(mm)		VS LOSS(MA			VSWR		<u> </u>
			24834				52±6		7dB(DC-4G)		<1.45	•		
			24834	17 - 2	2	3	05±8	<0.	8dB(DC-4G	Hz) <	<1.45	(DC-	4GH	lz)
		L								1				
						I								4
			2	2	PC		/		AT SHRINK		(BLAC	CK)		4
			2	2	PC PC		/	BN	IC CRIMP J	ACK	(BLAC	CK)		4
							/	BN		ACK •a NF	×			
			1	1	PC		/ /	BN CA CA	IC CRIMP J. BLE: NFC94	ACK ·a NF REFER ⁻	TO SHE			3
			1 276	1 123	PC mm		/ / / TEPN	BN CA CA HD	IC CRIMP J, Ble: NFC94 Ble SPEC I	ACK ·a NF REFER ⁻	TO SHE			3
			1 276 1	1 123 1	PC mm PC		/ / / TEPN	BN CA CA HD	IC CRIMP J BLE: NFC94 BLE SPEC I -BNC CRIM	ACK ·a NF REFER ⁻	TO SHE			3 2 1
	QUA	NTITY PER	1 276 1 -2	1 123 1	PC mm PC		/ / / TEPN	BN CA CA HD	IC CRIMP J BLE: NFC94 BLE SPEC I -BNC CRIM	ACK a NF REFER ⁻ IP PLUG	TO SHE			3 2 1
THIS DR	QUA RAWING IS A C		1 276 1 -2 ASSY	1 123 1 -1 	PC mm PC U/N	TH SIN	06MAR2024	BN CA CA HD	IC CRIMP J, BLE: NFC94 BLE SPEC I -BNC CRIM SCRIPTION	ACK REFER IP PLUG	TO SHE	EET 2		3 2 1
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	RAWING IS A C	ONTROLLED TOLERANC OTHERWISE 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ±	1 276 1 -2 ASSY DOCUMENT ESUNLESS SPECIFIED:	1 123 1 -1	PC mm PC U/N DDHART	TH SIN	06MAR2024 NGH 06MAR2024	BN CA CA HD DE BNC F t	IC CRIMP J, BLE: NFC94 BLE SPEC F -BNC CRIM SCRIPTION PARTS LIS	ACK REFER IP PLUG	TO SHE	EET 2 rity Ltd	I.	3 2 1 TEM
	RAWING IS A C	ONTROLLED TOLERANC OTHERWISE 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ±	1 276 1 -2 ASSY DOCUMENT CES UNLESS E SPECIFIED: = - = - = -	1 123 1 -1	PC mm PC U/N DDHART	TH SIN	06MAR2024 NGH 06MAR2024	NAME SIZE CAGE	IC CRIMP J, BLE: NFC94 BLE SPEC F -BNC CRIM SCRIPTION PARTS LIS PARTS LIS	ACK REFER IP PLUG IT TE Co Str 75 0 – –	TO SHE	EET 2 rity Ltd	I.	3 2 1 TEM

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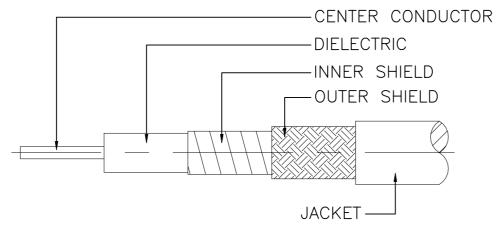
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MATERIAL AND DIAMETER:

ITEM	MATERIAL	DIAMETER (mm)	REMARK
Center Conductor	Bare Copper	1.02 ^{±0.03}	Solid
Dielectric	GAS-FPE	4.57 ^{±0.1}	Solid
Inner Shield	Double Bonded Aluminum Foil		Таре
Outer Shield	Tinned Copper		Braid
Jacket	PVC	6.9 ^{±0.2}	Black

RETURN LOSS:

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

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

THIS DRAWING IS A C	ONTROLLED DOCUMENT.	DWN 06MAR2024 SIDDHARTH SINGH CHK 06MAR2024	-	
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	ERIC DAI apvd 06mar2024 WENKE HE	name BNC	F
	0 PLC $\pm -$ 1 PLC $\pm -$ 2 PLC $\pm -$ 3 PLC $\pm -$ 4 PLC $\pm -$	PRODUCT SPEC — APPLICATION SPEC	SIZE	CAC
MATERIAL	ANGLES ± – FINISH	WEIGHT	A3	00
	_	CUSTOMER DRAWING		

PERFORMANCE:

SEE SHEET 1

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ITEM	VALUE
Characteristic Impedance	75 ohms
Operating Frequency	6 GHz
Capacitance	53 pF/m
Conductor resistance	21 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	69.9 mm

ATTENUATION:

FREQUENCY (MHz)	(dB/100M)
1000	20.7
1500	25.6
2000	30.2
2250	32.2
3000	37.7
4500	47.6
6000	58.1

1470-19 (1/15)

REVISIONS			
DESCRIPTION	DATE	DWN	APVD
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to HDBNC M Str 75 Ohm NFC94a,LENGTH=L _	
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GE CODE DRAWING NO RESTRICTED TO	
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SCALE 1:1 SHEET 2 OF 2 REV A]
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