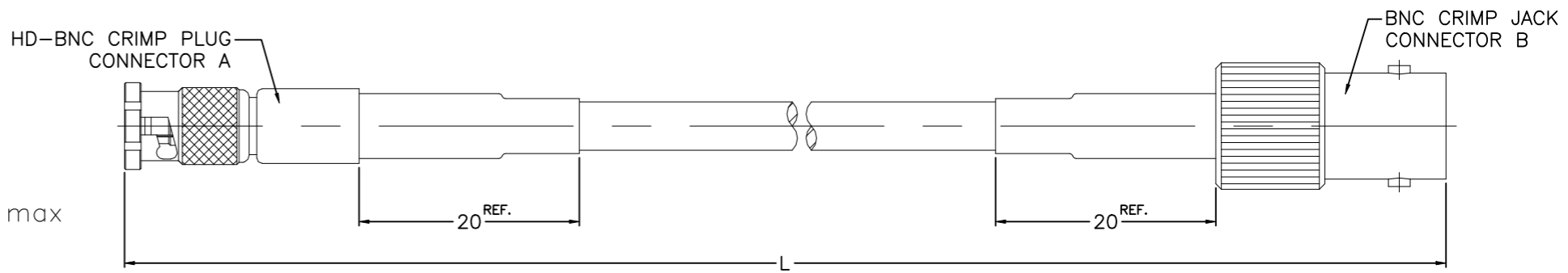


NOTES:

- 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 JACK)
 CENTER CONTACT: PHOSPHOR BRONZE 10 MICROINCHES GOLD PLATED OVER NICKEL UNDERPLATED OVER 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



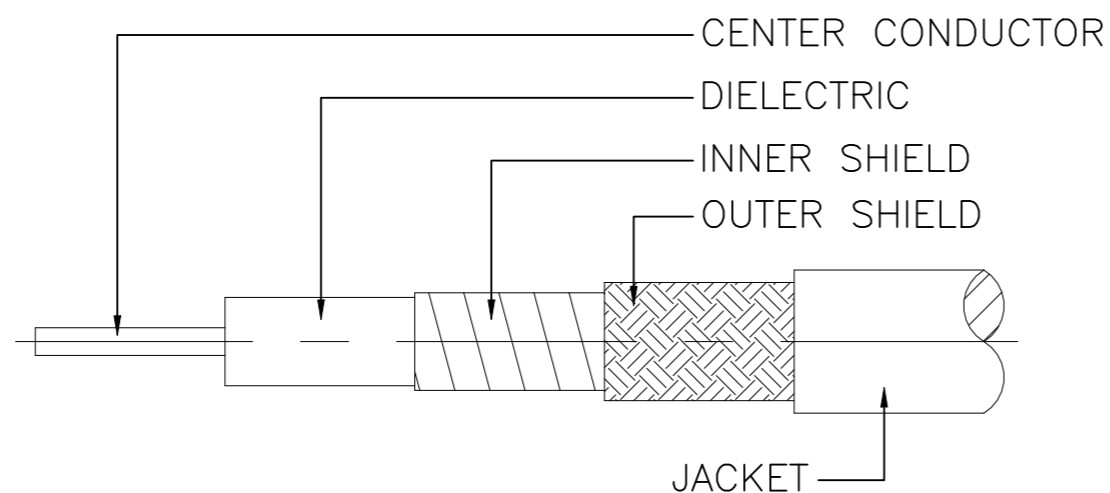
TEPN	L(mm)	INS LOSS(MAX)	VSWR (MAX)
2483216-1	152±4	0.9dB (DC-4GHz)	1.8 (DC-4GHz)
2483216-2	305±8	1.2dB (DC-4GHz)	1.8 (DC-4GHz)

QTY	UNIT	DESCRIPTION	ITEM	
2	2	PC /	HEAT SHRINK TUBING (BLACK)	4
1	1	PC /	BNC CRIMP JACK	3
276	123	mm /	CABLE: NFC55a NF CABLE SPEC REFER TO SHEET 2	2
1	1	PC /	HD-BNC CRIMP PLUG	1
-2	-1	U/N	DESCRIPTION	ITEM

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 F to HDBNC M Str 75 Ohm NFC55a,LENGTH=L		
0 PLC ± 0.3 1 PLC ± 0.2 2 PLC ± 0.1 3 PLC ± 0.05 4 PLC ± - ANGLES ± 5		PRODUCT SPEC -	-		
MATERIAL -		FINISH -	APPLICATION SPEC -	-	
		WEIGHT 0	SIZE A3	CAGE CODE 00779	DRAWING NO C-2483216
CUSTOMER DRAWING			RESTRICTED TO -	SCALE 1:1	SHEET 1 OF 2
			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

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DIMENSIONS: mm		CHK ERIC DAI 05MAR2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WENKE HE 05MAR2024	NAME BNC F to HDBNC M Str 75 Ohm NFC55a,LENGTH=L	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC -	-	
MATERIAL -		FINISH -	APPLICATION SPEC -	RESTRICTED TO -
		WEIGHT -	SIZE A3	CAGE CODE 00779
		DRAWING NO C-2483216		RESTRICTED TO -
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 2	REV A