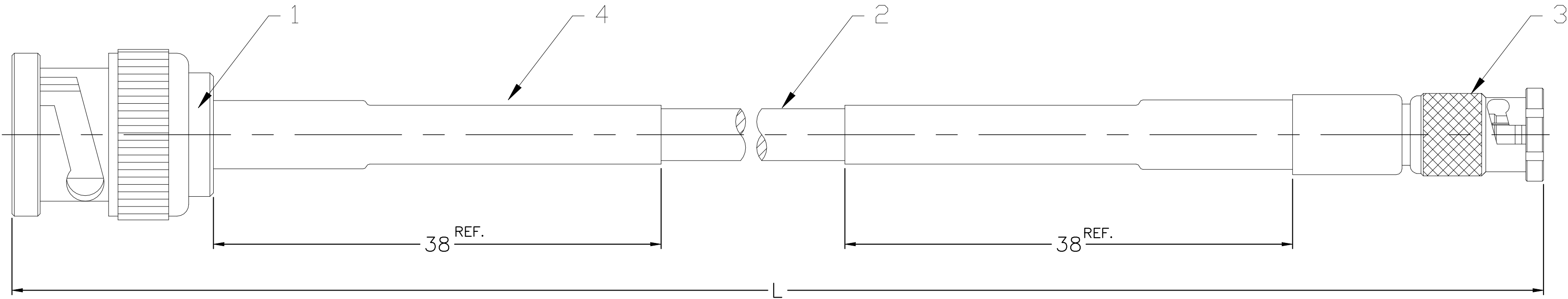


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A3	REVISED PER ECN-24-267976	30MAY2024	ED	WH

NOTES:

- 1
- 2
- 3
- 4
- PACK IN ACCORDANCE WITH TE SPEC 107-3275;
- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- RoHS: COMPLIANT;
- 2R3365 CABLE SPEC IS IN P.2.



SPECIFICATIONS:

1. IMPEDANCE: 75Ω
2. FREQUENCY: DC to 4GHz
3. VSWR/RL: 1.4 max./ 15.6dB min.
4. WORKING VOLTAGE: 170 VRMS max.
5. DIELECTRIC WITHSTANDING VOLTAGE: 250 VOLTS max.
6. TEMPERATURE RANGE: -30°C TO +75°C
7. DURABILITY: 500 cycles min.
8. CABLE RETENTION FORCE(Cable assembly): 20lbs min.
9. CONNECTOR B: BNC CRIMP PLUG
CENTER CONTACT: BRASS/10 MICROINCHES GOLD PLATED OVER NICKEL
UNDERPLATED OVER COPPER UNDERPALTED
INSULATOR: PTFE
BODY: BRASS/100 MICROINCHES NICKEL PLATED OVER COPPER UNDERPALTED
10. CONNECTOR A: HD-BNC CRIMP PLUG
CENTER CONTACT: PHOSPHOR BRONZE/10 MICROINCHES GOLD PLATED
OVER NICKEL UNDERPLATED OVER COPPER UNDERPALTED
INSULATOR: PTFE
OUTER CONTACT: BERYLLIUM COPPER/100 MICROINCHES NICKEL PLATED
OVER COPPER UNDERPALTED
BODY: BRASS/100 MICROINCHES NICKEL PLATED OVER COPPER UNDERPALTED

TEPN	L(mm)	IL(MAX)	VSWR
2479974-1	750±13	1.1dB(DC-4GHz)	1.40MAX(DC-4GHz)
2479974-2	1000±13	1.3dB(DC-4GHz)	1.40MAX(DC-4GHz)

2	2	PC	/	HEAT SHRINK(BLACK)(38mm)	4
1	1	PC	/	HIGH D BNC MALE CONNECTOR	3
1000	750	mm	/	CABLE (2R3365 ST),BLACK	2
1	1	PC	/	BNC MALE CONNECTOR	1
-2	-1	U/N	TEPN	DESCRIPTION	ITEM

QUANTITY PER ASSY		PARTS LIST				
CUMENT.	DWN ED	02JAN2024	 TE Connectivity			
	CHK ED	02JAN2024				
	UNLESS SPECIFIED:	APVD WH	02JAN2024	NAME HIGH D BNC CABLE ASSEMBLY, HDBNC M TO BNC M,75 OHM 2R3365,DC-4GHZ —		
		PRODUCT SPEC —				
APPLICATION SPEC 108-161222						
± .5"	WEIGHT 0	A2	CAGE CODE 00779	DRAWING NO C-2479974	RESTRICTED TO —	
CUSTOMER DRAWING				SCALE 8:1	SHEET 1 OF 2	REV A3

THIS DRAWING IS A CONTROLLED DOCUMENT.					
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:			
mm		0 PLC ± 5			
		1 PLC ± -			
		2 PLC ± -			
		3 PLC ± -			
		4 PLC ± -			
		ANGLES ± 5°			
MATERIAL		FINISH			
SEE TABLE		-			

4

3

2

1

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2R3365 CABLE SPEC

REVISIONS

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

CENTER CONDUCTOR

DIELECTRIC

INNER SHIELD

OUTER SHIELD

JACKET

MATERIAL AND DIAMETER:

ITEM	MATERIAL	DIAMETER (mm)	REMARK
Center Conductor	Silver Plated Copper Wire	0.594 ^{+0.045} _{-0.015}	Solid
Dielectric	Foam-PE	2.59 ^{±0.1}	Solid
Inner Shield	Heat-sealable aluminum-mylar -aluminum laminate		Wrapping
Outer Shield	Tinned Copper Wire		Braid
Jacket	pvc	4.3 ^{±0.3}	

PERFORMANCE:

ITEM	VALUE
Characteristic Impedance	75 ohms (Normal)
Operating Frequency	12 GHz (Max.)
Operating Temperature	-30°C ~ 75°C
Capacitance	54 pF/m
DC resistance	6.79Ω/100M
Insulation resistance	150 MΩ/Km
Test Voltage (AC, 1min)	3kV/1min

ATTENUATION:

FREQUENCY (MHz)	(dB/100ft)
1000	10.8
1500	13.2
2000	15.3
2250	16.3
3000	19.0
4500	23.6
6000	27.7
12000	41.2

RETURN LOSS:

FREQUENCY (MHz)	Minimum RL (dB)
5-1600	23
1600-4500	21
4500-12000	15

Suitable Applications: SMPTE 2082-1 12 Gb/s UHD TV, SMPTE 2081-1 6 Gb/s UHD TV, SMPTE 424M 3 Gb/s HD-SDI 1080p

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± 5

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± 5°

FINISH -

MATERIAL
SEE TABLE

DWN ED 02JAN2024

CHK ED 02JAN2024

APVD WH 02JAN2024

PRODUCT SPEC

APPLICATION SPEC

108-161222

WEIGHT 0

CUSTOMER DRAWING

TE Connectivity

NAME
HIGH D BNC CABLE ASSEMBLY,
HDBNC M TO BNC M,75 OHM 2R3365,DC-4GHZ

SIZE
A2

CAGE CODE
00779

DRAWING NO
C-2479974

RESTRICTED TO
-

SCALE
8:1

SHEET
2 OF 2

REV
A3

1471-9 (1/15)

2479974