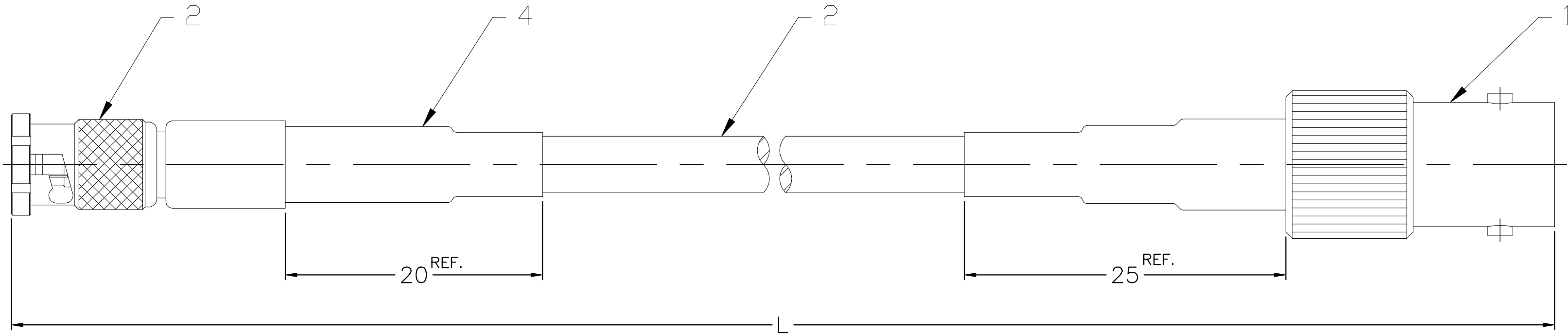


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A3	REVISED PER ECN-24-267976	30MAY2024	ED	WH

NOTES:

- 1
- PACK IN ACCORDANCE WITH TE SPEC 107-3275;
- 2
- ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- 3
- RoHS: COMPLIANT;
- 4
- 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 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
10.
- CONNECTOR B: BNC CRIMP JACK
CENTER CONTACT: BERYLLIUM COPPER/10 MICROINCHES GOLD PLATED
OVER NICKEL UNDERPLATED OVER COPPER UNDERPALTED
INSULATOR: PTFE
BODY: BRASS/100 MICROINCHES NICKEL PLATED OVER COPPER UNDERPALTED

TEPN	L(mm)	IL(MAX)	VSWR
2479975-1	305±6	0.75dB(DC-4GHz)	1.40MAX(DC-4GHz)
2479975-2	457±6	0.85dB(DC-4GHz)	1.40MAX(DC-4GHz)
2479975-3	610±13	0.95dB(DC-4GHz)	1.40MAX(DC-4GHz)
2479975-4	914±13	1.20dB(DC-4GHz)	1.40MAX(DC-4GHz)

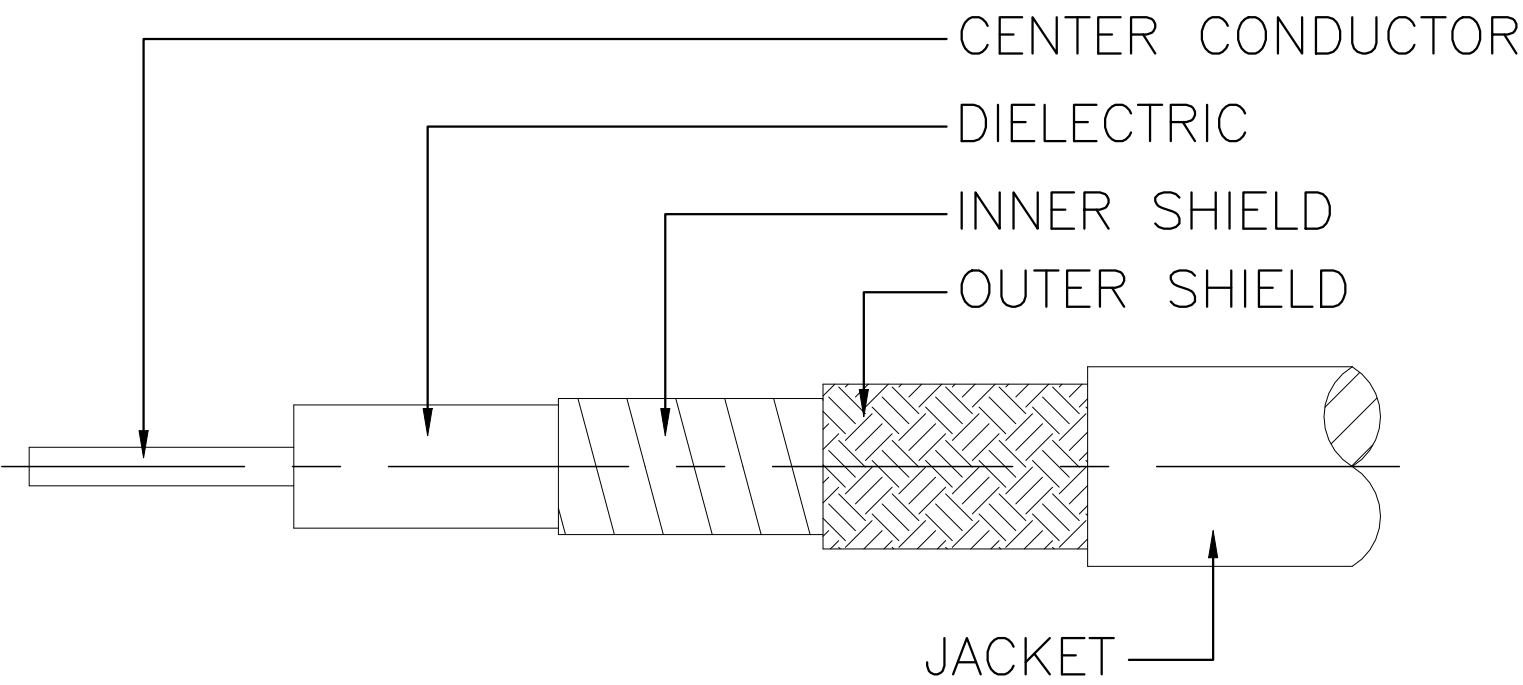
2	2	2	2	PC	/	HEAT SHRINK(BLACK)(20mm&25mm)	4
1	1	1	1	PC	/	HIGH D BNC MALE CONNECTOR	3
914	610	457	305	mm	/	CABLE (2R3365 ST),BLACK	2
1	1	1	1	PC	/	BNC FEMALE CONNECTOR	1
-4	-3	-2	-1	U/N	TEPN	DESCRIPTION	ITEM

QUANTITY PER ASSY				PARTS LIST			
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THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	ED	02JAN2024	TE Connectivity	
				CHK	ED	02JAN2024		
DIMENSIONS:		TOLERANCES, UNLESS OTHERWISE SPECIFIED:		APVD	WH	02JAN2024	NAME	
mm				PRODUCT SPEC				
		0 PLC ± 5		APPLICATION SPEC			HIGH D BNC CABLE ASSEMBLY, HD BNC M TO BNC F,75 OHM 2R3365,DC-4GHZ	
		1 PLC ± -		108-161222				
MATERIAL		FINISH		WEIGHT		0	SIZE	
		-		CUSTOMER DRAWING				
SEE TABLE							CAGE CODE	
							DRAWING NO	
							RESTRICTED TO	
							SCALE	
							SHEET	
							REV	
							A3	

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

2R3365 CABLE SPEC



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

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	

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

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
SEE TABLE

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0 PLC ± 5

1 PLC ± -

2 PLC ± -

3 PLC ± -

4 PLC ± -

ANGLES ± 5°

FINISH -

DWN ED 02JAN2024

CHK ED 02JAN2024

APVD WH 02JAN2024

PRODUCT SPEC -

APPLICATION SPEC 108-161222

WEIGHT 0

CUSTOMER DRAWING

TE Connectivity

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

SIZE A2

CAGE CODE 00779

DRAWING NO C-2479975

RESTRICTED TO -

SCALE 8:1

SHEET 2 OF 2

REV A3

1471-9 (1/15)