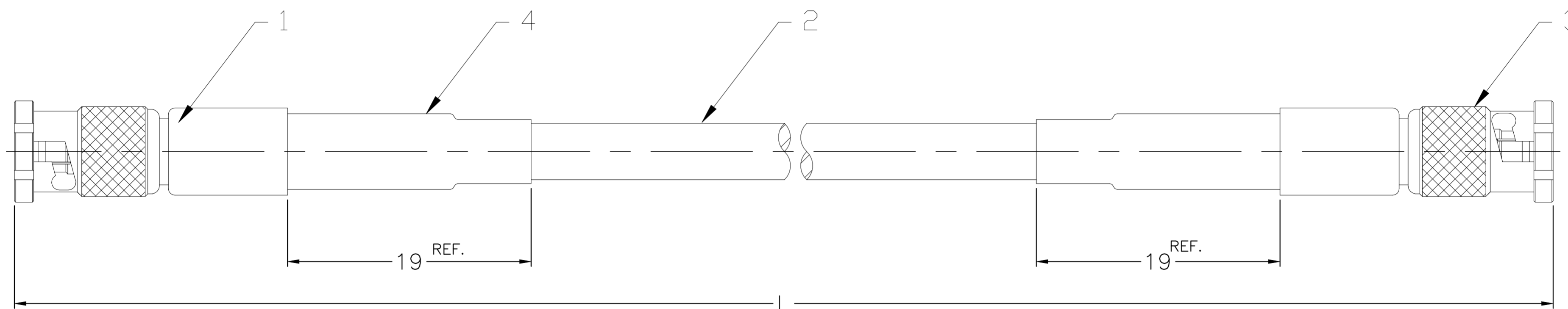


REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
A3		REVISED PER ECN-24-267976	30MAY2024	ED	WH

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 12GHz
- 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.

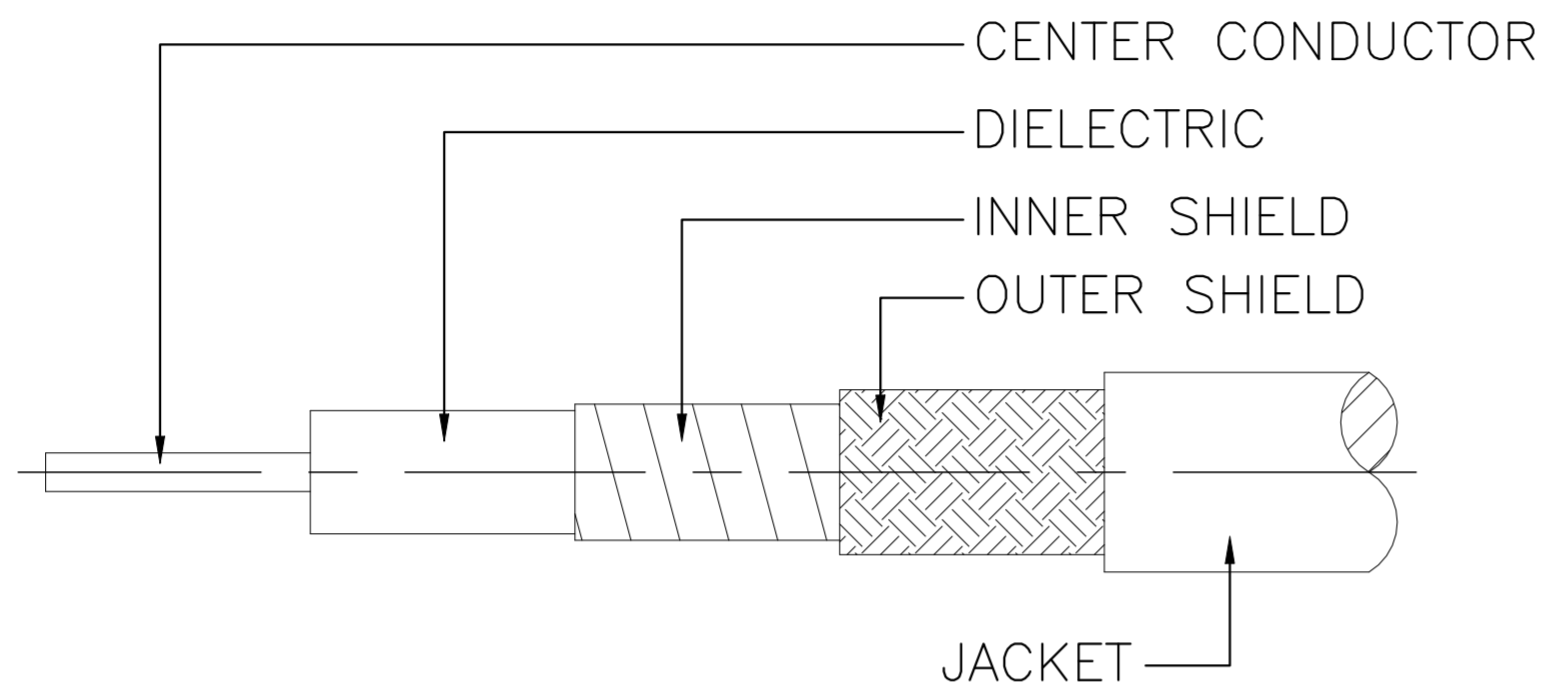
TEPN	L(mm)	IL(MAX)	VSWR
2479973-1	152±6	0.9dB(DC-12GHz)	1.40MAX(DC-12GHz)
2479973-2	305±6	1.3dB(DC-12GHz)	1.40MAX(DC-12GHz)

2	2	PC	/	HEAT SHRINK(BLACK)(19mm)	4
1	1	PC	/	HIGH D BNC MALE CONNECTOR	3
305	152	mm	/	CABLE (2R3365 ST),BLACK	2
1	1	PC	/	HIGH D BNC MALE CONNECTOR	1
-2	-1	U/N	TEPN	DESCRIPTION	ITEM

QUANTITY PER ASSY		PARTS LIST				
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	ED	02JAN2024		
DIMENSIONS: mm		CHK	ED	02JAN2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	WH	02JAN2024		
0 PLC ± 5 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± 5°		PRODUCT SPEC	108-161222			
MATERIAL SEE TABLE		FINISH	-		NAME	HIGH D BNC CABLE ASSEMBLY, HDBNC M TO M,75 OHM 2R3365,DC-12GHZ
		WEIGHT	0		SIZE	A2
		CUSTOMER DRAWING		SCALE	8:1	SHEET 1 of 2
				REV	A3	

REVISIONS				
P	LTR	DESCRIPTION	DATE	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 UHD TV, SMPTE 2081-1 6 Gb/s UHD TV, SMPTE 424M 3 Gb/s HD-SDI 1080p

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN ED	02JAN2024		TE Connectivity		
DIMENSIONS: mm		CHK ED	02JAN2024		NAME HIGH D BNC CABLE ASSEMBLY, HDBNC M TO M,75 OHM 2R3365,DC-12GHZ		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 5 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± 5°		APVD WH	02JAN2024		PRODUCT SPEC 108-161222		
MATERIAL SEE TABLE		FINISH -			APPLICATION SPEC -	SIZE A2	CAGE CODE 00779
CUSTOMER DRAWING				SCALE 8:1	DRAWING NO C=2479973	RESTRICTED TO -	
				SHEET 2 OF 2	REV A3		