

REVISIONS					
P	LTR	DESCRIPTION	DATE	DWN	APVD
	A1	ECN-26-362286, DRW NAME UPDATED	06JAN2026	TP	WILL

NOTES:

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;

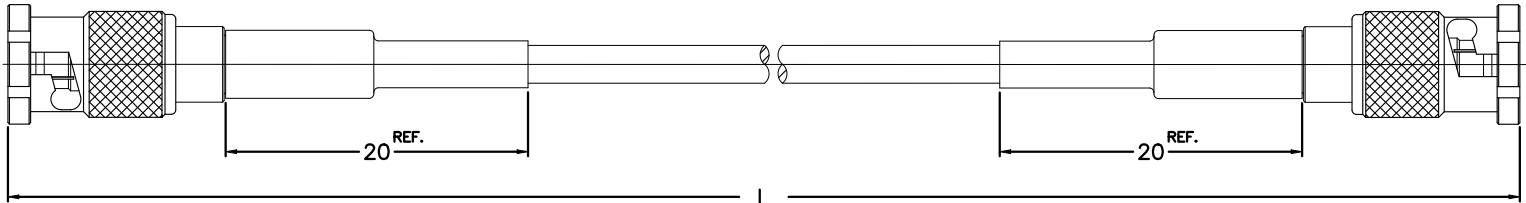
ELECTRICAL CHARACTERISTICS :
FREQUENCY RANGE: DC-6 GHz
NOMINAL IMPEDANCE: 50Ω
WORKING VOLTAGE: 170VRMS MAX
DIELECTRIC WITHSTANDING VOLTAGE: 500V MAX
INSULATION RESISTANCE: 5000MΩ

MECHANICAL CHARACTERISTICS :
DURABILITY: 500 CYCLES MIN
CABLE RETENTION FORCE (CABLE ASSY): 10 lbs MIN
BEND RADIUS: 9 MM MIN.

TEMPERATURE RANGE: -65°C TO +165°C

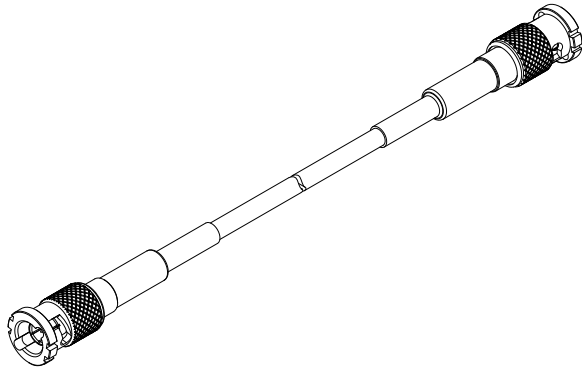
RoHS: COMPLIANT.

CONNECTOR SIDE
CONTACT PIN: PHOSPHOR BRONZE,
3 MICROINCHES MIN GOLD PLATED,
100 MICROINCHES MIN OVER NI-P (WT%10) NICKEL UNDERPLATED.
INSULATOR: PTFE
BODY: BERYLLIUM COPPER,
100 MICROINCHES MIN NICKEL PLATED,
50 MICROINCHES MIN OVER COPPER UNDERPLATED.
SHELL: BRASS,
100 MICROINCHES MIN OVER NICKEL,
50 MICROINCHES MIN OVER COPPER UNDERPLATED.



TEPN	L(mm)	IL(MAX)	VSWR	WEIGHT(g)
2510982-1	457±6.3	<1.55 dB(DC-6GHz)	<1.3 dB(DC-6GHz)	12.05

						2	PC	/	HEAT SHRINK TUBE	3
							mm	/	COAX CABLE (RG-316/U)	2
						2	PC	/	HD-BNC CRIMP PLUG	1
-7	-6	-5	-4	-3	-2	-1	U/N	TEPN	DESCRIPTION	ITEM
QUANTITY PER ASSY								PARTS LIST		



THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN TP	7NOV2025	TE Connectivity				
				CHK TP	7NOV2025					
				APVD WILL	7NOV2025	NAME High Density BNC Plug to Plug Str RG316				
DIMENSIONS: mm				TOLERANCES UNLESS OTHERWISE SPECIFIED:						
				0 PLC	± -	PRODUCT SPEC				
				1 PLC	± -	-				
				2 PLC	± -	APPLICATION SPEC				
				3 PLC	± -	-				
				4 PLC	± -					
				ANGLES	± 5					
MATERIAL				FINISH		SIZE				
SEE NOTED				-		CAGE CODE				
						DRAWING NO				
						RESTRICTED TO				
						-				
						WEIGHT				
						SEE TABLE				
						CUSTOMER DRAWING				
						SCALE				
						1:1				
						SHEET				
						1 OF 1				
						REV				
						A1				