

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.

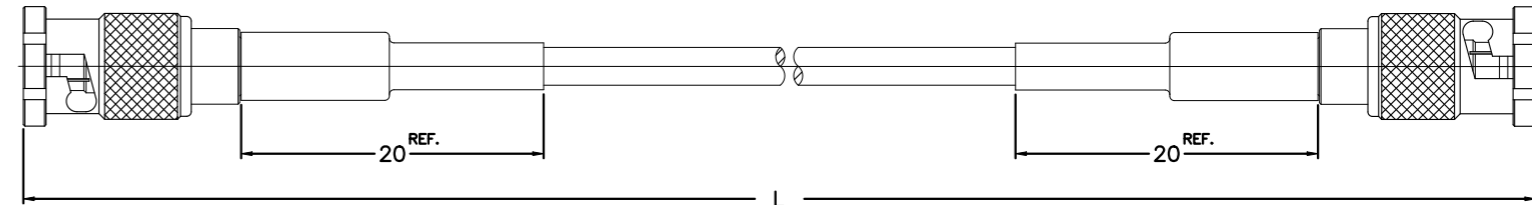
TEMPERATURE RANGE: -65°C TO +165°C

RoHS: COMPLIANT.

CONNECTOR SIDE

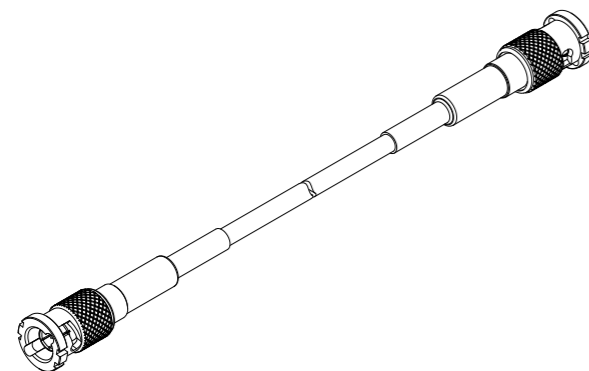
CONTACT PIN: PHOSPHOR BRONZE,
 3 MICROINCHES MIN GOLD PLATED,
 100 MICROINCHES MIN OVER NI-P (WT%10) NICKEL UNDERPLATED.
 INSULATOR: PTFE
 BODY: BERYLLIUM COPPER,
 100 MICROINCHES MIN NICKEL PLATED,
 50 MICROINCHES MIN OVER COPPER UNDERPLATED.
 SHELL: BRASS,
 100 MICROINCHES MIN OVER NICKEL,
 50 MICROINCHES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

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



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

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



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN TP 7NOV2025	TE Connectivity High Density BNC Plug to Plug Str RG316				
DIMENSIONS: mm		CHK TP 7NOV2025					
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WILL 7NOV2025					
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± 5		NAME					
MATERIAL SEE NOTED	FINISH -	PRODUCT SPEC -	APPLICATION SPEC -	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
		WEIGHT SEE TABLE	A3	00779	C-2510982		
		CUSTOMER DRAWING	SCALE 1:1	SHEET 1 OF 1	REV A1		