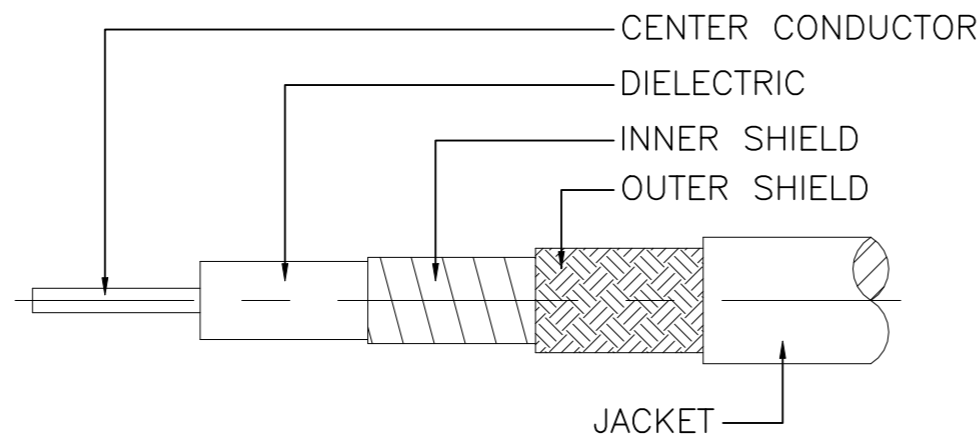




REVISIONS

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



PERFORMANCE:

ITEM	VALUE
Characteristic Impedance	75 ohms
Operating Frequency	6 GHz
Capacitance	53 pF/m
Conductor resistance	21 Ω/kM (MAX.)
Insulation resistance	1000 MΩ/Km (Min.)
Withstand Voltage	1000 V/DC
Rating Temperature	60°C
Operating Temperature	-30°C ~ 75°C
Bend Radius : Installation	69.9 mm

MATERIAL AND DIAMETER:

ITEM	MATERIAL	DIAMETER (mm)	REMARK
Center Conductor	Bare Copper	1.02 ±0.03	Solid
Dielectric	GAS-FPE	4.57 ±0.1	Solid
Inner Shield	Double Bonded Aluminum Foil		Tape
Outer Shield	Tinned Copper		Braid
Jacket	PVC	6.9 ±0.2	Black

ATTENUATION:

FREQUENCY (MHz)	(dB/100M)
1000	20.7
1500	25.6
2000	30.2
2250	32.2
3000	37.7
4500	47.6
6000	58.1

RETURN LOSS:

FREQUENCY (MHz)	Minimum RL (dB)
5-1600	23
1600-4500	21
4500-6000	15

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

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN SIDDHARTH SINGH 06MAR2024	TE Connectivity Ltd.	
DIMENSIONS: mm		CHK ERIC DAI 06MAR2024		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD WENKE HE 06MAR2024	NAME BNC F to HDBNC M Str 75 Ohm NFC94a,LENGTH=L	
0 PLC ± - 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± -		PRODUCT SPEC -	-	
MATERIAL -		FINISH -	APPLICATION SPEC -	RESTRICTED TO -
		WEIGHT -	SIZE A3	CAGE CODE 00779
		DRAWING NO C-2483417		RESTRICTED TO -
CUSTOMER DRAWING		SCALE 1:1	SHEET 2 OF 2	REV A