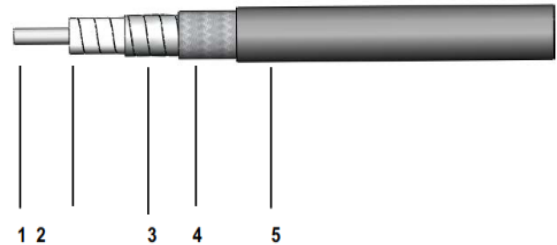


Features & Benefits

- 83%Vp PTFE Tape+ SPC Foil
- Ultra Low Loss, Excellent Temp Phase Stable
- Equivalent to UFB311A
- Replace to CNX3450, HF290,IW2801,

LA290,LLS290



Construction Description:

	Description	Size (mm)	Materials
1	Center conductor	2.28	Silver Plated Copper
2	Dielectric	6.2	LD PTFE
3	Outer conductor	6.49	Silver Plated Copper Foil
4	Outer shield	7	Silver Plated Copper
5	Jacket	7.81	FEP

Mechanical&Environmental Specifications

Bend Radius: installation	35.12 (mm)
Bend Radius: repeated	78.10 (mm)
Weight	0.137 (g/m)
Temp, Operating & Installation	-55~+165 (°C)

Electrical Specifications

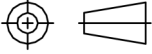
Operation Frequency	18 (GHz)
Cutoff frequency	19 (GHz)
Impedance	50 (Ohms)
Velocity of Propagation	83%
Shielding Effectiveness	90 (dB)
Voltage Withstand (V,DC)	2000
Mechanical (phase@18GHz)	4°
Amplitude Stability	≤±0.05 (dB)

Attenuation (Typical@25°C&VSWR=1.0) &Power (VSWR=1.0;40°C;Sea Level)											
Frequency MHz	100	300	500	1000	2400	3000	4000	6000	10000	12400	18000
dB/100 m	4.37	7.63	9.9	14.13	22.27	25.04	29.15	36.18	47.7	53.68	66.02
Avg. Power (kW)	5.817	3.334	2.57	1.8	1.143	1.016	0.873	0.703	0.533	0.474	0.385

K1= 0.433071

K2= 0.000440

Calculate Attenuation= K1*√FMHz+K2*FMHz

Tolerances .X ±0.2 .XX ±0.1 .XXX ±0.05	Scale	Abbr.	Rev.	
	NTS	ST	B	
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/09/14
				