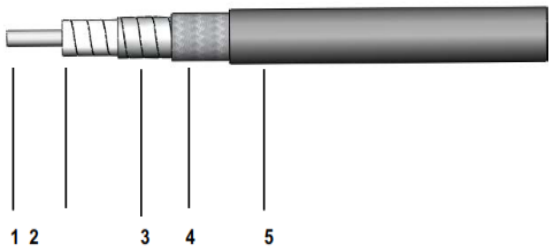
UHF-360

Features & Benefits

- 82%Vp PTFE Tape+ SPC Foil
- Ultra Low Loss, Excellent Temp Phase Stable
- Equivalent to CXN3507
- Replace to UFB142A,1401



Construction Description:			
	Description	**Size (mm)**	**Materials**
1	Center conductor	0.91	Silver Plated Copper
2	Dielectric	2.51	LD PTFE
3	Outer conductor	2.71	Silver Plated Copper Foil
4	Outer shield	3.22	Silver Plated Copper
5	Jacket	3.60	FEP

Mechanical&Environmental Specifications	
Bend Radius: installation	15.00 (mm)
Bend Radius: repeated	36.00 (mm)
Weight	32.000 (g/m)
Temp, Operating & Installation	-55~+165 (ºC)
Electrical Specifications	
Operation Frequency	40 (GHz)
Cutoff frequency	46 (GHz)
Impedance	50 (Ohms)
Velocity of Propagation	82%
Shielding Effectiveness	90 (dB)
Voltage Withstand (V,DC)	900
Mechanical Phase(@40GHz)	≤±3°
Amplitude Stability	≤±0.05 (dB)

Attenuation (Typical@25ºC&VSWR=1.0) &Power (VSWR=1.0;40ºC;Sea Level)											
Frequency MHz	300	1000	3000	6000	8000	12000	18000	26500	30000	35000	40000
dB/100 m	20.40	37.50	65.65	93.81	108.91	134.60	166.67	204.79	218.88	237.85	255.69
Avg. Power (kW)	0.942	0.513	0.293	0.205	0.176	0.143	0.115	0.094	0.088	0.081	0.075

K1= 1.168470

K2= 0.000550

Calculate Attenuation= K1*√FMHz+K2*FMHz

Tolerances	Scale	Abbr.	Rev.		
.X ±0.2 .XX ±0.1 .XXX ±0.05	NTS	ST	B		
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/09/15	RoHS 2