

# MMCLLCB30S

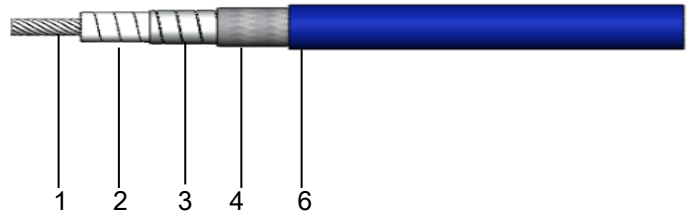
Ultra Low Loss Phase Stable Coax Cable



Your Source for R/F And Microwave Components

## Features&Benefits

- 83%Vp PTFE Tape+SPC Foil
- Ultra Low Loss, Excellent Temp Phase Stable
- Equivalent to cnx3507
- Replace to UFB142A, HF130,IW1401,



## Construction Specification

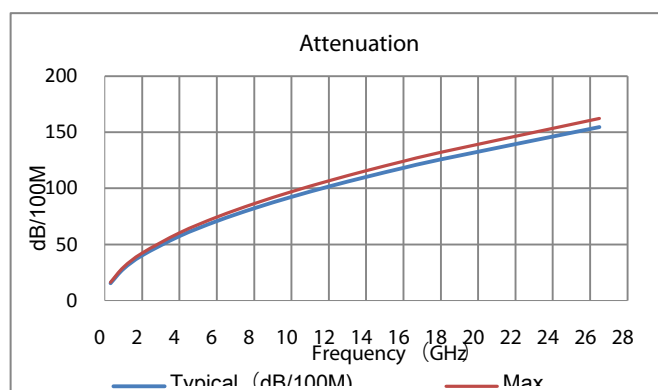
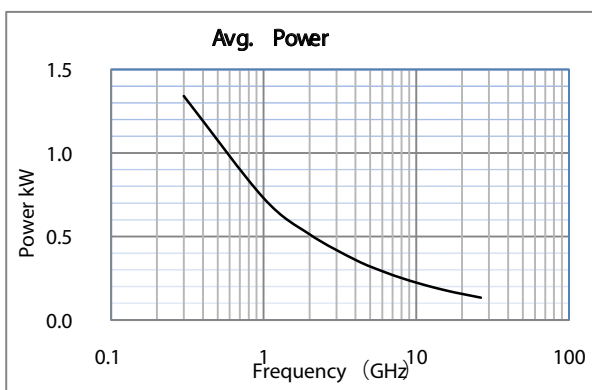
	Description	Size (mm)	Tol.	Materials
1	Center conductor	1.45	±0.03	Silver Plated Copper
2	Dielectric	3.75	N/A	LD PTFE
3	Outer conductor	3.95	4.2 Max	Silver Plated Copper Foil
4	Shielding	4.40	5.0 Max	Silver Plated Copper
5	Jacket	5.20	±0.15	Bule FEP

## Mechanical & Environmental Specifications

Bend Radius: installation (mm)	20
Bend Radius: repeated (mm)	50
Weight (g/m)	45
Temp, Operating&Installation (°C)	-55~165
Temp, Storage (°C)	-65~165

## Electrical Specifications

Operation Frequency (GHz)	26.5
Impedance (Ohms)	50
Velocity of Propagation	83%
Shielding Effectiveness (dB)	90
Voltage Withstand (V,DC)	1500



	Attenuation (Typical@25°C&VSWR=1.0 )					&Power (VSWR=1.0;40°C;Sea Level )							
Frequency MHz	300	1000	2000	4000	6000	8000	10000	12000	14000	16000	18000	26500	
dB/100 m	15.4	28.3	40.2	57.4	70.7	82.1	92.3	101.5	110.1	118.1	125.7	154.4	
Avg.Power kW	1.340	0.729	0.512	0.359	0.291	0.251	0.223	0.203	0.187	0.175	0.164	0.134	
	K1= 0.8811000					K2= 0.0004150							

$$\text{Calculate Attenuation} = K1 \cdot \sqrt{\text{FMHz}} + K2 \cdot \text{FMHz}$$

2460 W. Ray Rd., Ste. 2  
 Chandler, AZ 85224  
 T. 480.890.1612 F. 480-890-2150  
 sales@mesamicrowave.com  
 www.mesamicrowave.com