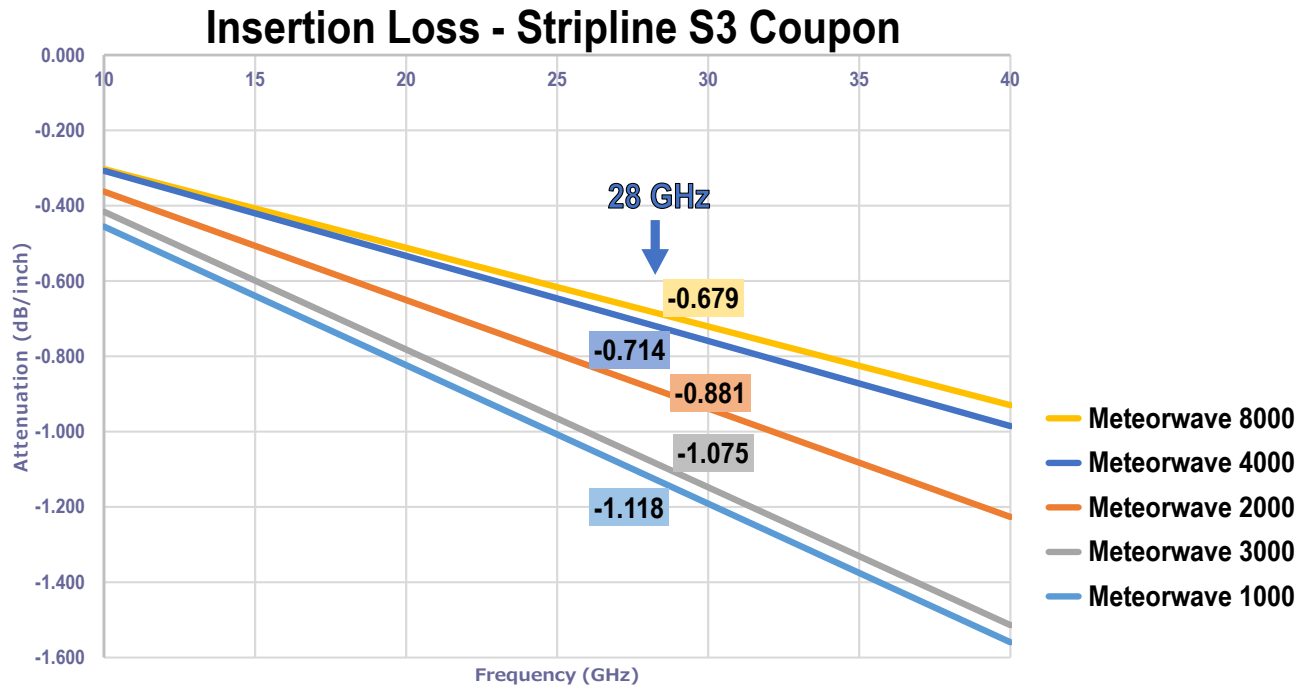


meteorwave

Very Low to Extremely Low Loss Materials

Laminate Properties	MW 1000	MW 2000	MW 3000	MW 4000	MW 3350	M-Ply	MW 8000	MW 8300	MW 5000HF	MW 6000HF
Tg (DMA)°C	240	240	200	200	200	200	185	190	185	185
Td (TGA)°C	390	390	390	390	390	390	380	376	430	430
Dielectric Constant 10 GHz Stripline (Typical Resin Content)	3.4	3.2	3.6	3.4	3.5	3.3	3.2	3.0	3.4	3.2
Dissipation Factor 10 GHz Open Resonator	0.0047	0.0034	0.0039	0.0024	0.0038	0.0020	0.0016	0.0025	0.0033	0.0022
Z CTE % Expansion (50°C to 260°C) 43% RC 55% RC	1.5% 1.9%	1.5% 1.9%	2.1% 2.6%	2.1% 2.6%	2.1% 2.6%	2.1% 2.1%	2.0% 2.5%	2.0% 2.5%	2.0% 2.5%	2.4% 3.0%



Attenuation measured on a 50 characteristic ohm line coplanar wave guide by differential length