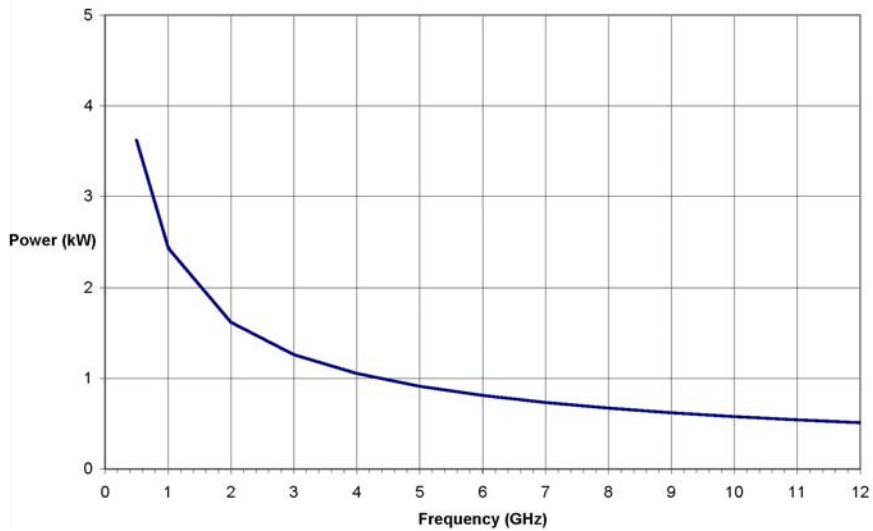




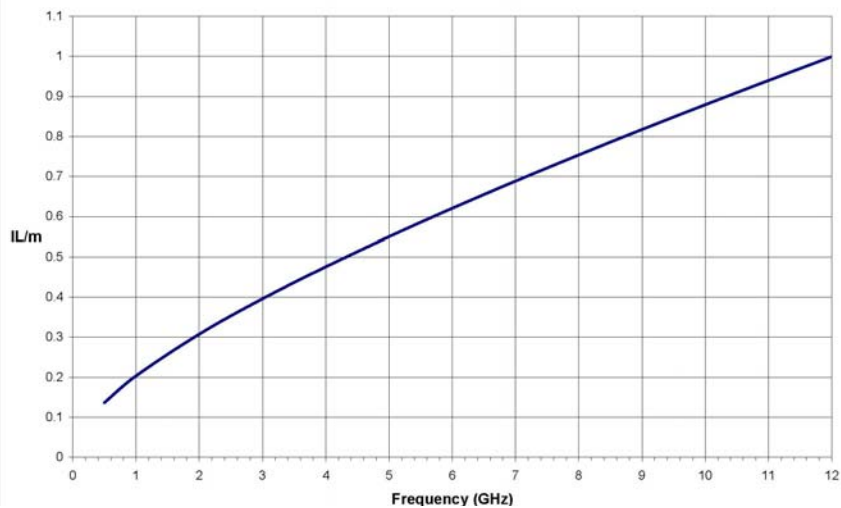
### Model CC3 Series Microwave Coaxial Cables

AR RF/Microwave Instrumentation offers a standard product line of low loss microwave coaxial cables. VSWR is typically less than 1.25:1. The CC3 Series is designed for higher power applications with frequencies up to 12.4GHz. The CC3 series features a built-in armor, designed to resist crush forces up to 250 PSI.

Power vs. Frequency (@ STP)



Insertion Loss vs. Frequency (@ STP)



$L1 = \text{Cable insertion loss/m at any frequency} = .169 * \sqrt{FGHz} + .035 * (FGHz)$   
 $L2 = \text{Connector loss at any frequency} = .0087 * \sqrt{FGHz} + .0057 * (FGHz)$   
 Total assembly loss =  $L1 + 2 * L2$

