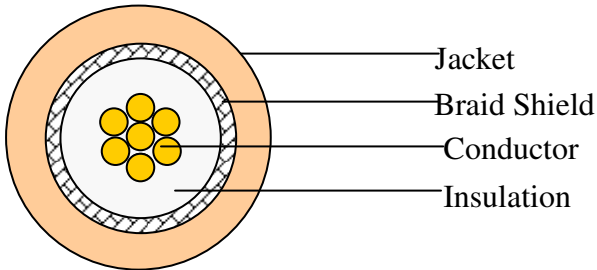




## SPECIFICATION

Style	UL 1979	105°C	30V	
Size	30AWG			
Standard : MIL-C-17				
Conductor	Size	AWG	30	
	Material	----	Silver-Coated Copper Clad Steel	
	Conductors No.	----	7	
	Construction Size	mm	0.102 ± 0.003	
	Stranded Diameter	mm	0.31	
Insulation	Material	----	FEP	
	Color	----	Clear	
	Average Thickness	mm	0.28	
	Diameter	mm	0.86 ± 0.03	
Braid Shield	Material	----	Silver-Coated Copper	
	Construction	mm	16/3/0.10 ± 0.003	
	Coverage	%	95	
	Diameter	mm	1.30 ± 0.04	
Jacket	Material	----	FEP	
	Color	----	Brown	
	Average Thickness	mm	0.25	
	Overall Diameter	mm	1.80 ± 0.06	
Marking				
Drawing				



## SPECIFICATION

Electrical & Physical Properties						
Item		30AWG				
Rating Temp Voltage		105°C 30V				
Conductor Resistance		838 OHM/KM/20°C MAX.				
Insulation Resistance		3000 MEGA OHM/KM MIN.				
Dielectric Strength		AC 1.0 KV/Minute				
Spark Test		2.5 KV				
Insulation	Unaged	Tensile Strength	2500 PSI MIN. ( 1.76 Kg / m <sup>2</sup> )			
		Elongation	200% MIN.			
	Aged	Tensile Strength	UNAGED MIN. 75% (168HRS×232°C)			
		Elongation	UNAGED MIN. 75% (168HRS×232°C)			
Jacket	Unaged	Tensile Strength	2500 PSI MIN. ( 1.76 Kg / m <sup>2</sup> )			
		Elongation	200% MIN.			
	Aged	Tensile Strength	UNAGED MIN. 75% (168HRS×232°C)			
		Elongation	UNAGED MIN. 75% (168HRS×232°C)			
Nom. Impedance		50 ± 3 Ohms				
Nom. Capacitance		95.8 ± 3 pF / m				
Nom. Vel. of Prop.		69.5%				
VSWR (0 – 6 GHZ)		Under 1.3				
Attenuation (dB/1m)	1GHZ	1.8GHZ	2.4GHZ	3GHZ	5.2HZ	6GHZ
	1.71	2.69	3.12	3.58	4.72	5.18