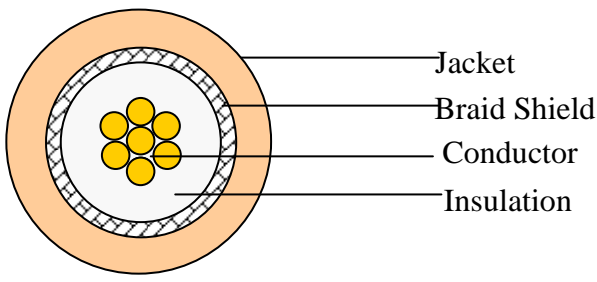




### SPECIFICATION

Style	200°C 30V		
Size	30AWG	TD	
Standard : MIL - C - 17			
Conductor	Size	AWG	30
	Material	----	Silver-Coated Copper Clad Steel
	Conductors No.	----	7
	Construction Size	mm	0.102 ± 0.004
	Stranded Diameter	mm	0.31
Insulation	Material	----	FEP
	Color	----	Clear
	Average Thickness	mm	0.28
	Diameter	mm	0.86 ± 0.03
Braid Shield	Material	----	Tinned-Coated Copper
	Construction	mm	16/5/0.050 ± 0.003
	Coverage	%	90
	Diameter	mm	1.06 ± 0.04
Jacket	Material	----	FEP
	Color	----	Black
	Average Thickness	mm	0.21
	Overall Diameter	mm	1.48 ± 0.06
Marking	-----		
Drawing			



## SPECIFICATION

Electrical & Physical Properties						
Item		30AWG				
Rating Temp Voltage		200°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 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 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 Test (0 – 6 GHZ)		Under 1.3				
Flame Test		VW-1 OK				
Attenuation (dB / 1m)	1GHZ	1.8GHZ	2.4GHZ	3GHZ	5.2HZ	6GHZ
	1.71	2.69	3.12	3.58	4.72	5.18