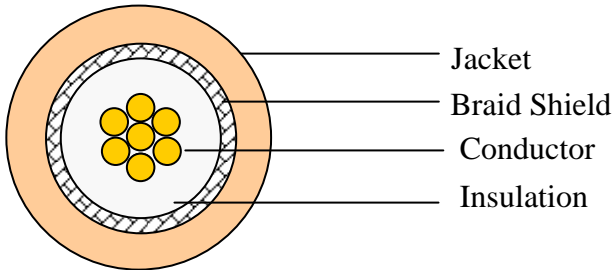




SPECIFICATION

Style	UL 1979 105°C 30V		
Size	30AWG		
Standard : MIL-C-17 & Belden 83264			
Conductor	Size	AWG	30
	Material	----	Silver-Coated Copper Clad Steel
	Conductors No.	----	7
	Construction Size	mm	0.102
	Stranded Diameter	mm	0.31
Insulation	Material	----	FEP
	Color	----	Clear
	Average Thickness	mm	0.64
	Diameter	mm	1.58 ± 0.05
Braid Shield	Material	----	Silver-Coated Copper
	Construction	mm	16 / 5 / 0.10
	Coverage	%	95
	Diameter	mm	2.03 ± 0.05
Jacket	Material	----	FEP
	Color	----	Brown
	Average Thickness	mm	0.28
	Overall Diameter	mm	2.54 ± 0.10
Marking	M17 / 94-RG179 MIL-C-17		
Drawing			



SPECIFICATION

Electrical & Physical Properties					
Item		30AWG			
Rating Temp Voltage		105°C 30V			
Conductor Resistance		838 OHM / KM / 20°C MAX.			
Insulation Resistance		100 MEGA OHM/KM MIN.			
Dielectric Strength		AC 1.0 KV/Minute			
Spark Test		0.5 KV			
Insulation	Unaged	Tensile Strength	2500 PSI MIN. (1.76 Kg / m m ²)		
		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 ²)		
		Elongation	200% MIN.		
	Aged	Tensile Strength	UNAGED MIN. 75% (168HRS×232°C)		
		Elongation	UNAGED MIN. 75% (168HRS×232°C)		
Nom. Impedance		75 ± 3 Ohms			
Nom. Capacitance		64 ± 3 pF/m			
Nom. Vel. of Prop.		69%			
Heat Test		230°C x5sec. Shrink 0.5mm Max.			
Flame Test		VW-1 OK			
Attenuation (dB/1m)	100MHZ	500MHZ	1GHZ	2GHZ	2.4GHZ
	0.42	0.92	1.35	1.45	1.60