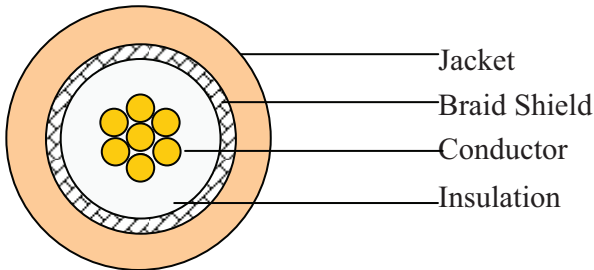




RG316U SPECIFICATION

Style	UL 1979 105°C 30V		
Size	26AWG		
Standard : MIL-C-17			
Conductor	Size	AWG	26
	Material	----	Silver-Coated Copper Clad Steel
	Conductors No.	----	7
	Construction Size	mm	0.175
	Stranded Diameter	mm	0.53
Insulation	Material	----	FEP
	Color	----	Clear
	Average Thickness	mm	0.51
	Diameter	mm	1.53 ± 0.03
Braid Shield	Material	----	Silver-Coated Copper
	Construction	mm	16 / 5 / 0.10
	Coverage	%	95
	Diameter	mm	1.98 ±0.05
Jacket	Material	----	FEP
	Color	----	Brown
	Average Thickness	mm	0.30
	Overall Diameter	mm	2.53 ±0.10
Marking	M17 /113-RG316 MIL-C-17		
Drawing			

Electrical & Physical Properties						
Item		26AWG				
Rating Temp Voltage		105°C 30V				
Conductor Resistance		302 OHM / KM / 20°C MAX.				
Insulation Resistance		3000 MEGA OHM/KM MIN.				
Dielectric Strength		AC 1.0 KV/Minute				
Spark Test		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		50 ± 3 Ohms				
Nom. Capacitance		95.8 ± 3 pF/m				
Nom. Vel. of Prop.		69%				
VSWR Test		1.3 Max. at 6 Ghz				
Flame Test		VW-1 OK				
Attenuation (dB/1m)	1GHZ	1.8GHZ	2.4GHZ	3GHZ	5.2GHZ	6GHZ
	1.25	1.51	1.71	1.92	3.15	3.44

