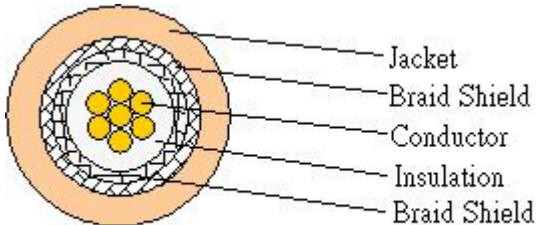



**SPECIFICATION ( Double Braiding )**

Style	200°C 30V	<b>32AWG TD ( D.B )</b>	
Size	32AWG		
Standard : MIL - C - 17			
Conductor	Size	AWG	32
	Material	----	Silver-Coated Copper
	Conductors No.	----	7
	Construction Size	mm	0.080 ± 0.005
	Stranded Diameter	mm	0.24
Insulation	Material	----	FEP
	Color	----	Clear
	Average Thickness	mm	0.22
	Diameter	mm	0.68 ± 0.02
Braid Shield	Material	----	Tinned-Coated Copper
	Construction	mm	16 / 4 / 0.050
	Coverage	%	91
	Diameter	mm	0.92 ± 0.03
Braid Shield	Material	----	Tinned-Coated Copper
	Construction	mm	16 / 4 / 0.050
	Coverage	%	80
	Diameter	mm	1.12 ± 0.03
Jacket	Material	----	FEP
	Color	----	Black
	Average Thickness	mm	0.10
	Overall Diameter	mm	1.32 ± 0.05
Marking			
Drawing			



## SPECIFICATION

Electrical & Physical Properties						
Item		30AWG				
Rating Temp Voltage		200°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 <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		64 ± 3 pf/m				
Nom. Vel. of Prop.		69%				
VSWR (0 – 6 GHZ)		Under 1.3				
Attenuation (dB/1m)	1GHZ	1.8GHZ	2.4GHZ	3.0GHZ	5.2GHZ	6.0GHZ
	1.71	2.69	3.12	3.58	4.72	5.18