



SPECIFICATION

Style	UL 1979 105°C 30V		
Size	32AWG		
Standard :			
Conductor	Size	AWG	32
	Material	----	Silver-Coated Copper
	Conductors No.	----	7
	Construction Size	mm	0.080
	Stranded Diameter	mm	0.240
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	%	90
	Diameter	mm	0.90 ±0.03
Jacket	Material	----	FEP
	Color	----	Black
	Average Thickness	mm	0.13
	Overall Diameter	mm	1.13 ±0.05
Marking	Non		
Drawing			



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Electrical & Physical Properties						
Item		32AWG				
Rating Temp Voltage		105°C 30V				
Conductor Resistance		545 OHM / KM / 20°C MAX.				
Insulation Resistance		1000 MEGA OHM/KM MIN.				
Dielectric Strength		AC 1.0KV/Minute				
Spark Test		2.5 KV				
Insulation	Unaged	Tensile Strength	2500 PSI MIN. (1.76 Kg / 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 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		96 ± 3 pF/m				
Nom. Vel. of Prop.		69%				
VSWR Test (0 – 6 GHZ)		Less 1.3				
Flame Test		VW-1 OK				
Attenuation (dB/1m)	1GHZ	2GHZ	2.4GHZ	3GHZ	5GHZ	6GHZ
	2.00	3.02	3.35	3.81	5.02	5.22