


Elite Coaxial **RG6-QUAD SHIELD**

Item # **RG6/U-QUAD-xx**

xx= BL (Black), WH (White)

STYLE	80°C 30V COAXIAL	DOCUMENT NO :	A30006U006
SIZE	RG-6/U BRAID	DOUBLE	ESTABLISHED DATE: 3/11/2003
STANDARD :			
Conductor	Size	AWG	18
	Material	----	Copper Clad Steel
	Conductors No.	----	1
	Conductors Size	Mm	1.02
Insulation	O.D.	Mm	1.02
	Average Thickness	Mm	1.78
	Diameter	Mm	4.57 ±0.15
	Material	----	Gas Injected Foam PE
Shielded	Color	----	Nature
	Material	----	AL-MYLAR
	Direction	----	Straight
	Thickness	mm	20 × 0.025
Braid	Al direction	----	Outside
	Material	----	Aluminum Wire
	Construction	mm	16 / 4 / 0.16
Shielded	Coverage	%	60
	Material	----	AL / MYLAR / AL
	Direction	----	Straight
Braid	Thickness	mm	20×0.038
	Material	----	Aluminum Wire
	Construction	mm	16 / 3 / 0.16
Jacket	Coverage	%	40
	Average Thickness	mm	0.7
	Diameter	mm	7.50 ±0.15
	Material	----	PVC
Marking	Color	----	Black
	E77981 AWM 1354 RG-6/U QUAD SHIELD 18AWG		
Drawing			

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Electrical & Physical Properties								
Item		RG6/U Quad Shield						
Rating Temp Voltage		80°C 30V						
Conductor Resistance		23.26 OHM/KM/20 Max.						
Dielectric Strength		AC 1.0 KV/						
Spark Test		5 KV						
Insulation	Unaged	Tensile Strength		-----				
		Elongation		-----				
	Aged	Tensile Strength		-----				
		Elongation		-----				
Jacket	Unaged	Tensile Strength		1500 PSI Min. (1.05 Kg/)				
		Elongation		100% Min.				
	Aged	Tensile Strength		UNAGED MIN.70%(168Hrsx113°C)				
		Elongation		UNAGED MIN.65%(168Hrsx113°C)				
Nominal Impedance		75 Ohms						
Nominal Capacitance		53±3 pF/m						
Nominal Velocity of Propogation		80%						
Flame Test		VW-1 OK						
Attenuation (db/100ft.)	5 MHz	300 MHz	500 MHz	600 MHz	750 MHz	1 GHz	2.25 GHz	3 GHz
	0.79	3.55	4.66	5.1	5.65	6.55	10.2	12.1

