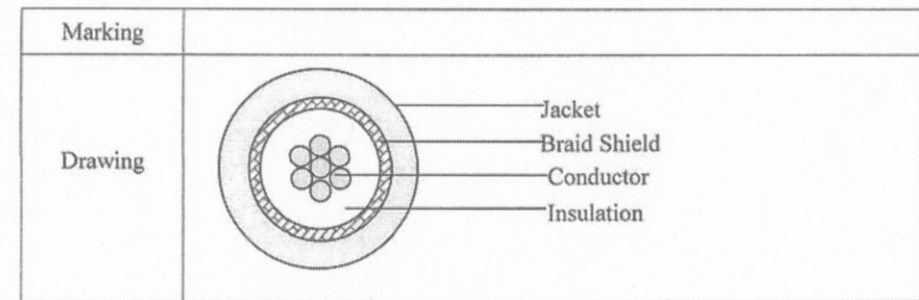


SPECIFICATION

Style	UL 1979 105°C 30V	Document No	: WS17801A00
Size	30AWG	Established Date	: 2006 - 01-09
Standard : MIL-C-17			
Conductor	Size	AWG	30
	Material	----	Silver-Coated Copper Clad Steel
	Conductors No.	----	7
	Construction Size	mm	0.102 ± 0.003
	Stranded Diameter	mm	0.31
Insulation	Material	----	FEP
	Color	----	Clear
	Average Thickness	mm	0.28
	Diameter	mm	0.86 ± 0.03
Braid Shield	Material	----	Silver-Coated Copper
	Construction	mm	16/3/0.10 ± 0.003
	Coverage	%	95
	Diameter	mm	1.30 ± 0.04
Jacket	Material	----	FEP
	Color	----	Brown
	Average Thickness	mm	0.25
	Overall Diameter	mm	1.80 ± 0.06

Artikel-Nr.: 1511006
Bez.: RG 178 B/U 50 Ohm

Spezifikation: MIL-C-17/93
Betriebsspannung max. 750
Betriebs-Temperaturbereich -50°C bis +200°C
Leitermaterial STAKU-AG, Leiter Ø 0,31 mm (7x1,02mm)
Dielektrikum Material FEP, Ø 0,84 mm
Schirmung CuAg Ø 1,33 mm, Optische Dichte 95%
Mantel FEP Ø 1,8 mm
Farbe: Braun/Transparent
Frequenzgang max. 3 Ghz
Testspannung 2000 V ms - 1 min., Impedanz 50 Ohm
Dämpfung: 100 Mhz = 52,5 dB/100 m, 400 Mhz = 108 dB/100m
1 Ghz = 170 dB/100 m



Artikel nummer	Artikel text
1511006	RG 178 U 50 Ohm, Spezifikation MIL-C -17/93

SPECIFICATION

Electrical & Physical Properties			
Item		30AWG	
Rating Temp Voltage		105°C 30V	
Conductor Resistance		838 OHM/KM/20°C MAX.	
Insulation Resistance		3000 MEGA OHM/KM MIN.	
Dielectric Strength		AC 1.0 KV/Minute	
Spark Test		2.5 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.		69.5%				
VSWR (0 – 6 GHZ)		Under 1.3				
Attenuation (dB/1m)	1GHZ	1.8GHZ	2.4GHZ	3GHZ	5.2HZ	6GHZ
	1.71	2.69	3.12	3.58	4.72	5.18

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1511006	RG 178 U 50 Ohm, Spezi fikation MIL-C -17/93