


RG213/U Coaxial Cable 50 Ohms

according to MIL-C-17

CONSTRUCTION		PROPERTIES	
Inner Conductor		Min.Bending Radius:	
Insulation		Installation	73,4 mm
Outer Conductor		Repeated	217,8 mm
Jacket		Max.Pulling Tension	1627,6 N
		Crush resistance of cable (load of 700N)	< 1 %
		Rated Temperature	
		Storage/operating temperature	-40~+75 °
		Outdoor Installation	-20 °
PHYSICAL SPECIFICATIONS		ELECTRICAL CHARACTERISTICS	
Inner Conductor	Bare Copper Stranding Wire	Characteristic Impedance	50 +-3ohm
Conductor Dia.(+/-0.02mm)	7 / 0.724	Capacitance	101 ±2pF/m
Min.Break Strength (N)	1523	Velocity ratio	> 66 %
Insulation	Solid P.E.	DCR: Inner Conductor	< 5.8 ohm/km
Insulation Dia.(+/-0.1mm)	7,24	DCR: Outer Conductor	< 5.0 ohm/km
Color	Neutral	Jacket Sparker	2500 VCA
Centricity (%)	85	Dielectric Strength	1000 VCA
Adhesion	10 to 100N @ 25mm	Return loss	
		5-1000MHz	23 dB
		1000-2500MHz	18 dB
Outer Conductor	Bare Copper Wire Braid	Insulation resistance	> 100,000 Ω·km
Conductor Dia.(+/-0.01mm)	0,18	Shielding Effectiveness	100-1000 MHz > 65 dB
No. of Wires	192	Frequency (at 20 .)	MAX. Attenuation
Coverage (+/-3%)	95	1 MHz	0,59 dB/100m
Picks/dm	20,0	10 MHz	2,03 dB/101m
Lay length (mm)	35	50 MHz	4,92 dB/100m
		100 MHz	6,86 dB/100m
Jacket	PVC	200 MHz	9,84 dB/100m
Outer Dia (+/-0.1mm)	10,30	400 MHz	15,75 dB/100m
Color	BLACK	700 MHz	21,33 dB/100m
Tensile strength	12.5 N/mm ²	900 MHz	24,94 dB/100m
Elongation at break	150 %	1000 MHz	30,18 dB/100m
Printing:			
Revision History			