

ASSMANN ELECTRONICS

AWG-xx/F 9 - 64 CONDUCTORS

Description	Flat cable UL style:20029 28AWG		
UL style	20029	DATE	2004/3/16
CSA style	C22.2 No.210.2	Sheet	1 of 1
Construction Item			
Conductor	AWG size 28 AWG		
	Number of strands in each conductor :7/0.127mm		
	Lay of atrands in each conductor :0.5 inch at least		
	Cross sec. Area:156mil		
Insulation	Material of insulation:polyvinyl chloride(PVC) ten colors available		
	ExtrudedPVC insulated singles bonded together		
	Insulation thickness average :9 mil		
	Min. insulation thickness:7 mil		
Physical Properties	after 7 days air oven at 136°C		
	Average tensile strength:1500 lbs/inch ²		
	Percent of original:70% at least		
	Average elongation:200%		
	Percent of original:65% at least		
Electronic Characteristics	Spark test:2500V		
	Dielectric strength test: min. 2 KV in 1 minute		
	Conductor resistance: Max.237 Ω/km		
	Insulation resistance:Min. 100M Ω/km		
	Capacity:45pF/m		
	Inductance:1.5μ H/m		
	Impedance:100Ω		
	Propagation Delay Time:4.2ns/m		
	Rate temperature:105°C		
	Rate voltage:300V		
	Flame test:UL style 20029 VW-1		
	Flame test:CSA style C22.2 FT1,FT2		

Construction Drawing

