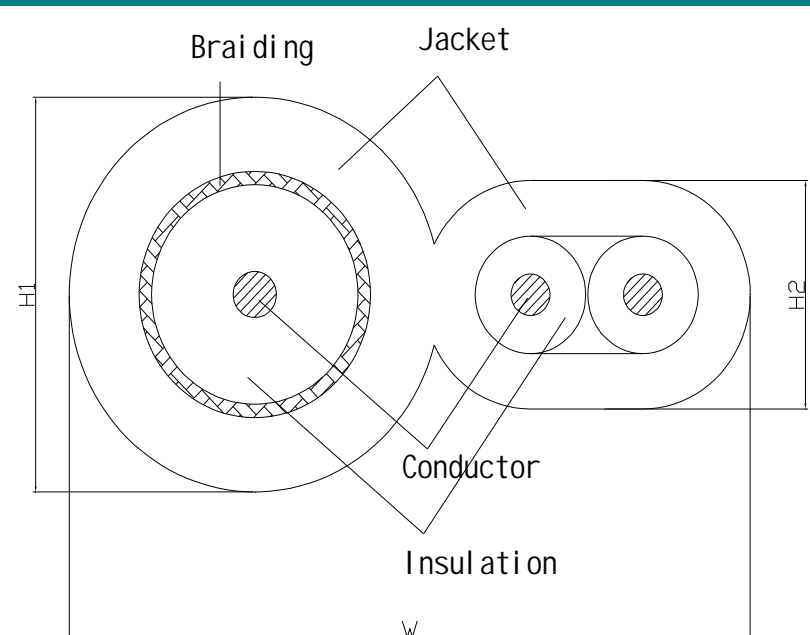


1X0.81+2X7/0.38

Construction		Cross Section		Description	
RG59				Rated Temperature (°C) 75	
Conductor A	Solid Bare Copper			Rated Voltage(V) 30	
AWG	20			Product Standard Certification	
Conductor Dia. (±0.005mm)	0.810			Application	
Insulation A	Foam PE			Horizontal Wiring in LAN	
Average Thickness(mm)	1.444			Reference Standard	
Insulation Dia.(±0.01mm)	3.70				
Coverage	96*0.12CCA				
18AWG/2C					
Conductor B	CCA				
Conductor Dia. (±0.004mm)	7/0.38				
Insulation B	PVC				
Average Thickness(mm)	0.400				
Insulation Dia.(±0.01mm)	2.00				
Jacket	PVC				
Average Thickness(mm)	0.82x0.60				
Outer Dia.(±0.20mm)	H1: 6.00 H2: 4.80 W: 10.80				
				Packing	
				1000FT/pull box	
				Color	
				18AWG/2C	
				Insulation Red Black	
				Jacket colors: Any Color	

Performance							
Electrical Characteristics: [@68°F.(20°C.)]				Mechanical Characteristics:			
Frequency (MHZ)	Attenuation Max(dB/100ft)	Attenuation Max(dB/100m)	SRL (dB)		Test Object		
1	0.24	0.79	5~1000MHz	≥20	Jacket		
10	0.76	2.50			Test Material	PVC	
55	2.05	6.73			Before	Tensile Strength (psi)	2300
100	2.60	8.53			Aging	Elongation (%)	450
250	4.10	13.45			Aging Condition (°Cxhrs)		100x168
400	5.37	17.60	1001~3000MHz	≥15	After	Tensile Strength (Mpa)	≥85% of unaged
550	5.95	19.52			Aging	Elongation (%)	≥75% of unaged
750	6.98	22.87			Cold Bend (-20±2°Cx4hrs)		No crack
865	7.52	24.67			Nom. Characteristic Impedance(Ohms):		75
1000	8.13	26.64			Nom. Inductance:		0.077uH/ft
					Nom. Capacitance Conductor to Shield:	30.8pF/ft	
					Nominal Delay:	1.54ns/ft	