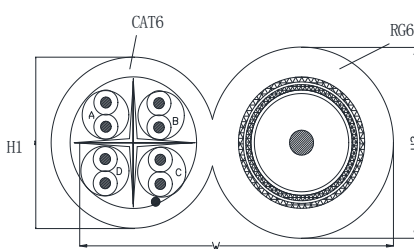


Content of the Data Sheet

Part number	Part number: 16Q6CMRRx		
CAT6 UTP:	4X2X23AWG(0.57), HDPE INSULATION+ RIP CORD		
RG6: Conductor	Material	Copper Clad Steel(CCS)	
	Nom.O.D.(mm)	1.02(0.0403") 18AWG	
RG6: Insulation	Material	Gas Injected Foam-PE	
	Diameter	4.57 mm (Normal)	
Bonded AL-FOIL	Overlapping>18%		
RG6: Braiding1	Al-wire (60%)		
RG6: Al-foil-PE-Al-foil	Overlapping>18%		
RG6: Braiding2	Al-wire (40%)		
JACKET(OD.)	W: 13.9+/-0.4mm,		
	H1: 6.1+/- 0.15mm,H2: 7.4+/-0.15mm		
Packing length	1000ft±4ft		
Rip-cord	IN Cat6	Drain wire	NO
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0	
	Elongation(%)	≥300	
	Aging Period (°C×hrs)	100°C×24h×7d	
	After Aging Elongation(%)	≥75	
Electrical(RG6) Characteristics (20°C)	Cold bend(-20±2°C×4h) 8×Cable O.D.,	No visible cracks	
	Capacitance (pF/m)	53	
	Velocity of Propagation		
	Impedance (Ω)	75±3	
	DC Resistance (Ω/1Km) Max:	100	
	Shield DC Resistance:	Max: 16 Ohms/ km	
Dielectric Test	2kv/min		
Temperature Range:	-20°C to + 75°C		



RG6:		
Attenuation (in 20 °C) dB/kf		
MHz	Normal	Maximum
5	5.45	5.88
55	15.32	16.15
211	28.65	30.60
750	54.15	56.82
880	60.00	61.15
1000	63.90	65.70
1450	78.45	80.55
1750	87.00	89.70
2050	96.15	98.10
2250	99.00	100.50
3000	113.00	119.00
CAT6:		
Impedance (Ω)	1.0-250.0MHz	100±15
	250.0-600.0MHz	100±25
Capacitance Unbalance (pF/100m)	≅330	
NVP:	68%	
Other transmission performance meet the CAT6 FLUKE test requirements		

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