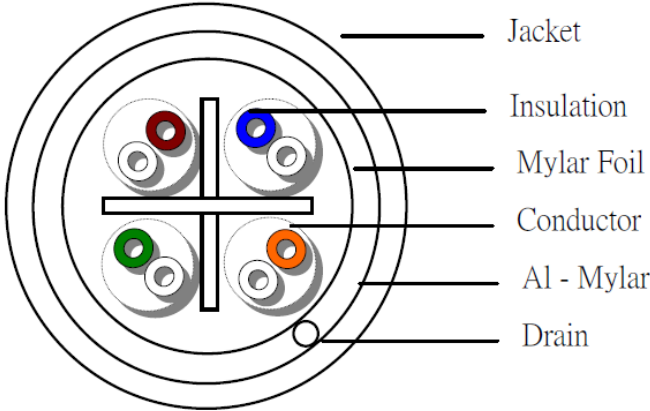


Cat 6 STP CM 23AWG Gray



Conductor	Material	Annealed Bare Copper		
	Nominal O.D. (mm)	0.55	Up	+0.01
		down	-0.01	
Insulation	Material	HDPE		
	Diameter	1.04 ± 0.05		
	Min. Avg. Thickness:	0.22mm		
	Minimum Thickness at any point	0.21mm		
Taping	Mylar Foil : 0.025mm * 24 mm			
Shield:	Al-Mylar Foil : 0.065mm * 24 mm			
Braid:	Tinned copper : NA			
Drain:	Material: Tinned copper Construction: 1 / 0.5			
Jacket	Material	PVC		
	Min. Avg. Thickness	0.45mm		
	Minimum Thickness at any point:	0.4mm		
	External OD	7.5 ± 0.2mm		
	Colors	Grey		

NEWLINK

Cabling Systems

NEW-9806451

Core Color	1 White – Blue / Blue	2 White – orange/Orange
	3 White – Green/Green	4 White – Brown/Brown
Standards:	ISO/IEC11801, TIA-568-C.2	

DC. Resistance Unbalance: 5%

Pair-to-Ground Capacitance Unbalance: 330 pF/100m Max.

Conductor Resistance: 9.38 Ω /100m 20°C Max

Mutual Capacitance: 5.6 nF/100m Max.

Spark Test : 2.5 KV

Freq.	RL	ATT	NEXT	PHASE DELAY	ACR-N	ACR-F
MHz	\geq dB	\leq dB	\geq dB	\leq dB		
1	19.1	3.0	65.0	62.0	62.0	64.2
4	21.0	3.5	64.1	61.8	60.6	52.1
8	21.0	5.0	59.4	57.0	54.4	46.1
10	21.0	5.5	57.8	55.5	52.3	44.2
16	20.0	7.0	54.6	52.2	47.6	40.1
20	19.5	7.*	53.1	50.7	45.2	38.2
25	19.0	8.9	51.5	49.1	42.7	36.2
31.25	18.5	10.0	50.0	47.5	40.0	34.3
62.5	16.0	14.4	45.1	42.7	30.8	28.3
100	14.0	18.6	41.8	39.3	23.3	24.2
200	11.0	27.4	36.9	34.3	9.6	18.2
250	10.0	31.1	35.3	32.7	4.2	16.2

Ordering Information:

Part Number	Description
NEW-9806451	Newlink Cat 6 STP CM 23AWG Gray (1,000ft)