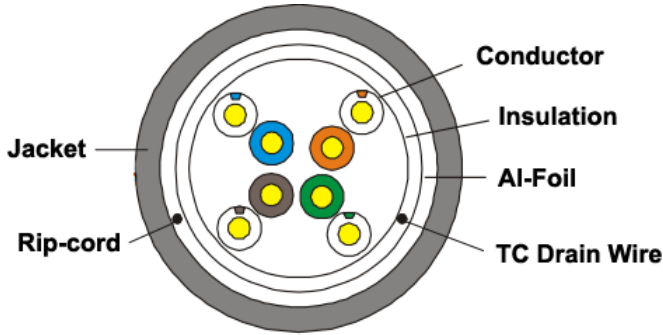


### CAT-5E CMR 24AWG 4-pair STP Cable



#### Features:

- Application: 100Base-TX  
100Base-T 100VG-AnyLAN  
1000Base-T (Gigabit Ethernet)  
1000Base-TX ATM
- Standard: ANSI/EIA/TIA  
568-C.2 & ISO/IEC 11801. UL  
568.C.2 - Local Area Network  
Cable Verified for  
Transmission Performance,  
UL ANSI 444 - Communication  
Cables
- Used for Data Transmission

<b>Conductor</b>	Material	Solid Bare Copper	
	Nominal O.D (mm)	0.500 ± 0.005	
<b>Insulation</b>	Material	HD-PE	
	Diameter	1.00 ± 0.03	
	Colors	Blue / White-Blue	
		Orange / White-Orange	
		Green / White-Green	
Brown / White-Brown			
<b>Ripcord</b>	Yes	Drain wire	0.45mm TC
<b>Shielded</b>	AL Foil		
<b>Jacket</b>	Material	PVC	
	Thickness	0.55±0.05 mm	

	Diameter	6.2 ± 0.4
	Color	Gray
<b>Standards:</b>	ANSI/EIA/TIA 568-C.2 & ISO/IEC 11801. UL 568.C.2 - Local Area Network Cable Verified for Transmission Performance, UL ANSI 444 - Communication Cables	
<b>Packing Length</b>	305 ± 1.5m	

#### Jacket Physical Properties:

- Before Aging: Tensile Strength (Mpa) ≥13.5    Elongation (%) ≥150
- Aging Period (°C×hrs) 100°C×24h×7d
- After Aging: Tensile Strength (Mpa) ≥12.5    Elongation (%) ≥125

#### Electrical Characteristics (20°C):

1.0-100.0MHz, Impedance (Ω) 100±15
Delay Shew 20°C(ns/100m) ≤45
Capacitance (nf/100m) max 5.6
Capacitance unbalance to earth (pf/100m) max 330
DC Resistance 20°C(Ω/100m) max 9.5
DC Conductor Resistance Unbalance (%)max 5.0

Freq.	Return Loss	ATT	NEXT	PHASE DELAY	PS/NEXT	ELFEXT	PSELFEXT
MHz	≥dB	≤Db	≥dB	≤dB	≥dB	≥dB	≥dB
1	20.0	2.0	65.3	570	62.3	63.8	60.8
4	23.0	4.1	56.3	552	53.3	51.8	48.8
8	24.5	5.8	51.8	546.73	48.8	45.7	42.7
10	25.0	6.5	50.3	545.38	47.3	43.8	40.8
16	25.0	8.2	47.2	543	44.4	39.7	36.7
20	25.0	9.3	45.8	542.05	42.8	37.8	34.8

# NEWLINK

## Cabling Systems

### NEW-9805351

25	24.3	10.4	44.3	541.20	41.3	35.8	32.8
31.25	23.6	11.7	42.9	540.44	39.9	33.9	30.9
62.5	21.5	17.0	38.4	538.55	35.4	27.9	24.9
100	20.1	22.0	35.3	537.60	32.3	23.8	20.8

#### Ordering Information:

Part Number	Description
NEW-9805351	CAT-5E CMR 24AWG 4-pair STP Cable 1000ft Gray