

## CAT6 FTP 24 AWG CCA CABLES (0.50MM)

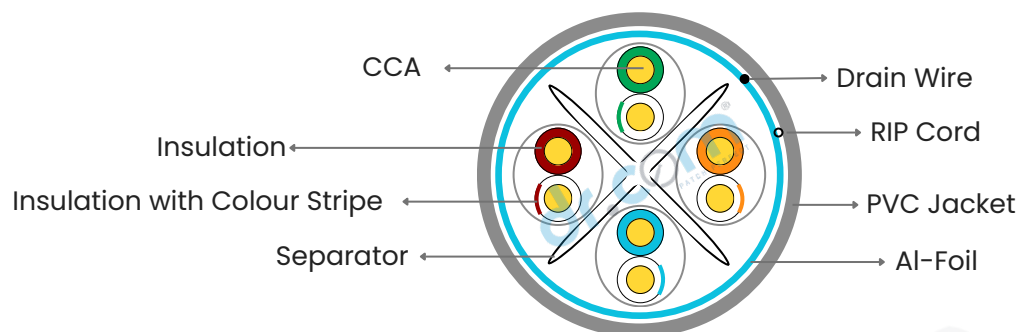
### Key Features

- **Standards Compliant Performance:** Delivers stable electrical performance and complies with ANSI/TIA-568.2-D requirements.
- **High-Strength Sheath:** Designed with strong mechanical properties and high tensile and compressive strength to reduce damage during installation and project execution.
- **Fluke 90 m Tested:** Demonstrates excellent performance in the Fluke 90-meter channel test.
- **CPR Eca Certified:** Meets CE CPR Eca flame-retardant classification for enhanced fire safety compliance.



# CAT6 FTP 24 AWG

## PVC CABLE

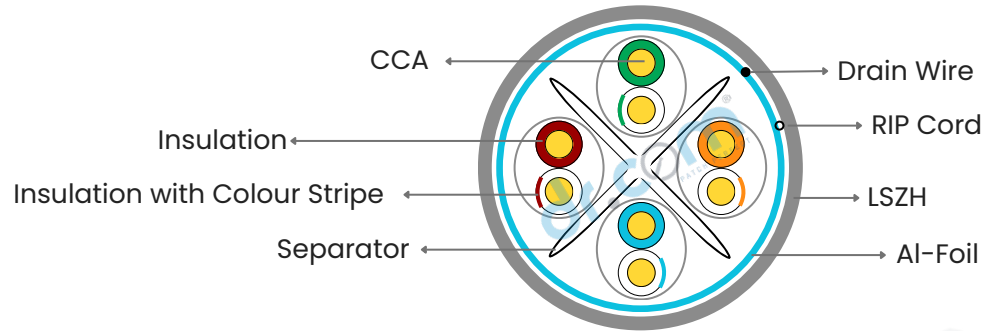


## Specification

Model	DR-CAT6_F/UTP-CA24_PV	
Category	CAT 6	
Reference Standard	ANSI/TIA-568.2-D, ISO/IEC11801	
Conductor	Material	CCA (Copper content $\geq 22\%$ )
	Diameter	$0.50 \pm 0.005$ mm 24AWG
Insulation	Material	HDPE
	Diameter	$0.92 \pm 0.05$ mm
Sheath	Thickness	$0.50 \pm 0.10$ mm
	Diameter	$6.5 \pm 0.50$ mm
	Material	PVC
	Color	Grey
Rip-cord	Yes	
Separator	Yes	
Shield	Aluminum Polyester Foil + Drain Wire	
Electrical Characteristics (20°C)	1.0-500.0 MHz impedance	$100 \pm 15 \Omega$
	1.0-500.0 MHz delay skew	$\leq 45$ ns/100 m
	DC resistance	$\leq 9.38 \Omega/100$ m
	DC conductor resistance unbalance	$\leq 4.0\%$
	Ambient temperature	$-10^\circ\text{C}$ to $60^\circ\text{C}$
	Operating voltage	57 V
Physical Properties	Cable length	$305 \pm 0.5$ m
	Package dimension	381 mm (W) $\times$ 381 mm (H) $\times$ 241 mm (D)
	Weight	13 kg Approx
	Packing	Spool

# CAT6 FTP 24 AWG

## LSZH CABLE

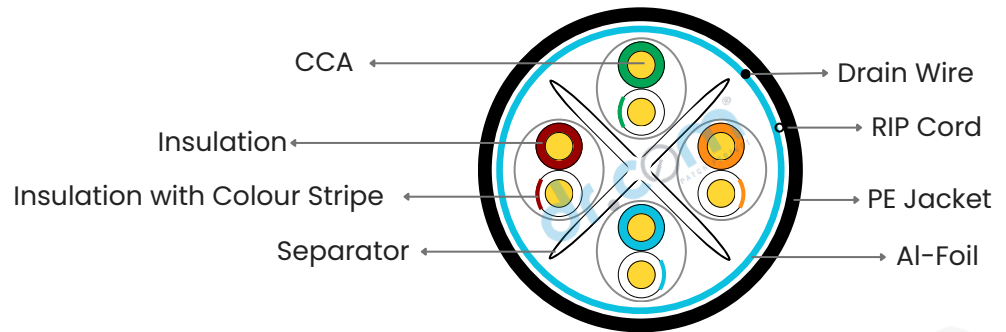


## Specification

Model	DR-CAT6_F/UTP-CA24_LS	
Category	CAT 6	
Reference Standard	ANSI/TIA-568.2-D, ISO/IEC11801	
Conductor	Material	CCA (Copper content $\geq 22\%$ )
	Diameter	$0.50 \pm 0.005$ mm 24AWG
Insulation	Material	HDPE
	Diameter	$0.92 \pm 0.05$ mm
Sheath	Thickness	$0.50 \pm 0.10$ mm
	Diameter	$6.5 \pm 0.50$ mm
	Material	LSZH
	Color	Customize
Rip-cord	Yes	
Separator	Yes	
Shield	Aluminum Polyester Foil + Drain Wire	
Electrical Characteristics (20°C)	1.0-500.0 MHz impedance	$100 \pm 15 \Omega$
	1.0-500.0 MHz delay skew	$\leq 45$ ns/100 m
	DC resistance	$\leq 9.38 \Omega/100$ m
	DC conductor resistance unbalance	$\leq 4.0\%$
	Ambient temperature	$-10^\circ\text{C}$ to $60^\circ\text{C}$
	Operating voltage	57 V
Physical Properties	Cable length	$305 \pm 0.5$ m
	Package dimension	381 mm (W) $\times$ 381 mm (H) $\times$ 241 mm (D)
	Weight	12 kg Approx
	Packing	Spool

# CAT6 FTP 24 AWG

## PE OUTDOOR CABLE

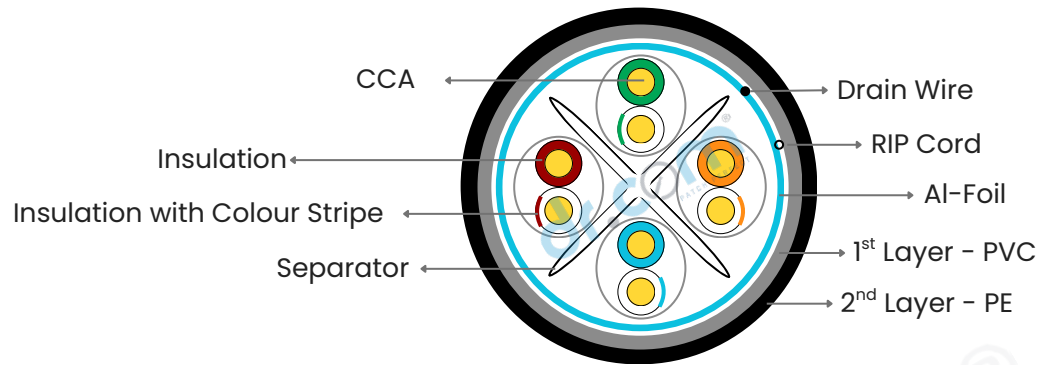


## Specification

Model	DR-CAT6_F/UTP-CA24_PE	
Category	CAT 6	
Reference Standard	ANSI/TIA-568.2-D, ISO/IEC11801	
Conductor	Material	CCA (Copper content $\geq 22\%$ )
	Diameter	$0.50 \pm 0.005$ mm 24AWG
Insulation	Material	HDPE
	Diameter	$0.92 \pm 0.05$ mm
Sheath	Thickness	$0.50 \pm 0.10$ mm
	Diameter	$6.5 \pm 0.50$ mm
	Material	PE
	Color	Black
Rip-cord	Yes	
Separator	Yes	
Shield	Aluminum Polyester Foil + Drain Wire	
Electrical Characteristics (20°C)	1.0-500.0 MHz impedance	$100 \pm 15 \Omega$
	1.0-500.0 MHz delay skew	$\leq 45$ ns/100 m
	DC resistance	$\leq 9.38 \Omega/100$ m
	DC conductor resistance unbalance	$\leq 4.0\%$
	Ambient temperature	$-10^\circ\text{C}$ to $60^\circ\text{C}$
	Operating voltage	57 V
	Cable length	$305 \pm 0.5$ m
Physical Properties	Package dimension	381 mm (W) $\times$ 381 mm (H) $\times$ 241 mm (D)
	Weight	11.5 kg Approx
	Packing	Spool

# CAT6 FTP 24 AWG

## DOUBLE COATED CABLE



## Specification

Model	DR-CAT6_F/UTP-DC-CA24_PE	
Category	CAT 6	
Reference Standard	ISO/IEC11801, ANSI/TIA-568.2-D	
Conductor	Material	CCA (Copper content $\geq 22\%$ )
	Diameter	$0.50 \pm 0.005$ mm 24AWG
Insulation	Material	HDPE
	Diameter	$0.92 \pm 0.05$ mm
Sheath	Thickness	$0.50 \pm 0.10$ mm
	Diameter	$7.5 \pm 0.50$ mm
	Material	1 <sup>st</sup> Layer - PVC 2 <sup>nd</sup> Layer - PE
	Color	Black
Rip-cord	Yes	
Separator	Yes	
Shield	Aluminum Polyester Foil + Drain Wire	
Electrical Characteristics (20°C)	1.0-500.0 MHz impedance	$100 \pm 15 \Omega$
	1.0-500.0 MHz delay skew	$\leq 45$ ns/100 m
	DC resistance	$\leq 9.38 \Omega/100$ m
	DC conductor resistance unbalance	$\leq 4.0\%$
	Ambient temperature	$-10^\circ\text{C}$ to $60^\circ\text{C}$
	Operating voltage	57 V
Physical Properties	Cable length	$305 \pm 0.5$ m
	Package dimension	381 mm (W) $\times$ 381 mm (H) $\times$ 241 mm (D)
	Weight	16.5 kg Approx
	Packing	Spool

## Technical Performance

FREQ (MHz)	ATT (20 °C) ≤ (dB)	RL ≥(dB)	NEXT ≥(dB)	PS NEXT ≥(dB)	EL FEXT ≥(dB)	PS EL FEXT ≥(dB)	Phase delay ≤(ns)
1	2.0	20.0	74.3	72.3	67.8	64.8	570
4	3.78	23.0	65.3	63.3	55.8	52.8	552
8	5.32	24.5	60.8	58.8	49.7	46.7	547
10	5.95	25.0	59.3	57.3	47.8	44.8	545
16	7.55	25.0	56.2	54.2	43.7	40.7	543
20	8.47	25.0	54.8	52.8	41.8	38.8	542
25	9.51	24.3	53.3	51.3	39.8	36.8	541
31.25	10.67	23.6	51.9	49.9	37.9	34.9	540
62.5	15.38	21.5	47.4	45.4	31.9	28.9	539
100	19.80	20.1	44.3	42.3	27.8	24.8	538
200	28.98	18.0	39.8	37.8	21.8	18.8	537
250	32.85	17.3	38.3	36.3	19.8	16.8	536

### Manufacturing Units

Plot No. 67 & 70, Damanganga Industrial Park-II, New Survey  
No 3377 & 3380, Old Survey No 399/3/P, 1, Village - Dungra,  
Taluka -Vapi (Pardi), Valsad, Gujarat - 396191.

### Toll Free

1800-267-3866

### Email

info@dr-com.in