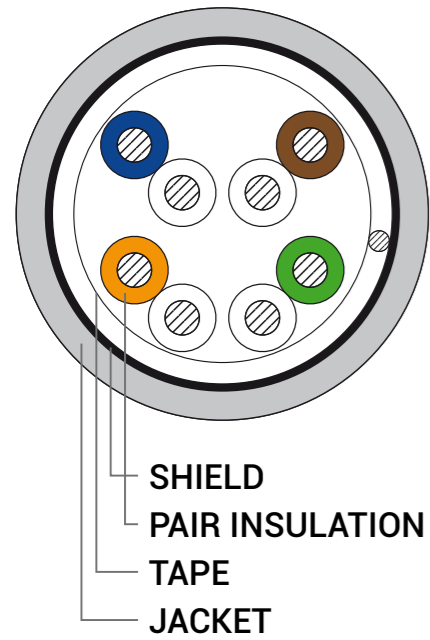


Category 5e F/UTP Cable, non-plenum, slate jacket, 4 pair count, 1000 ft (305 m) length, reel



Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Shield (Tape) Material	Polyester/Aluminum shield

Dimensions

Cable Length	305 m	1000 ft
Cable Weight	27.00 lb/kft	
Diameter Over Jacket	6.147 mm	0.242 in
Jacket Thickness	0.508 mm	0.020 in

Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CMR
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

General Specifications

Cable Type	F/UTP (shielded)
Pairs, quantity	4
Cable Component Type	Horizontal
Packaging Type	Reel
Brand	Sanyuan®
Jacket Color	Slate
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Drain Wire Gauge	24 AWG
Drain Wire Type	Solid

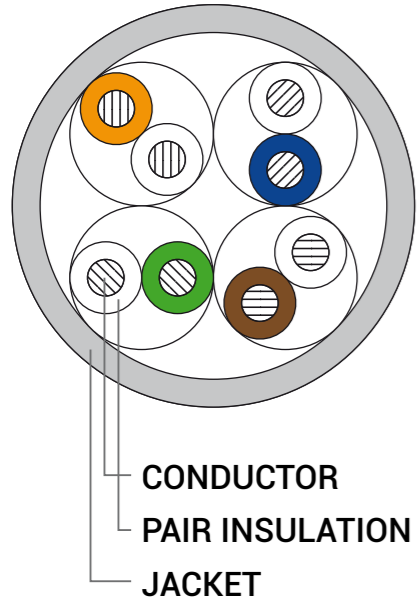
Electrical Specifications

ANSI/TIA Category	5e		
dc Resistance Unbalance, maximum	5%		
dc Resistance, maximum	9.38 ohms/100 m		
Mutual Capacitance	5.6 nF/100 m @ 1 kHz		
Nominal Velocity of Propagation (NVP)	69%		
Operating Frequency, maximum	100 MHz		
Operating Voltage, maximum	80 V		
Transmission Standards	ANSI/TIA-568-C.2	CENELEC EN 50288-3-1	ISO/IEC 11801 Class D
Dielectric Strength, minimum	1500 Vac		2500 Vdc

Mechanical Specifications

Pulling Tension, maximum	11 kg	25 lb
--------------------------	-------	-------

Category 5e U/UTP Cable, no-plenum CMR rated, orange jacket, 4 pair count, 1000 ft (305 m) length



Product Classification

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	Polyolefin

Dimensions

Cable Length	305 m	1000 ft
Cable Weight	19.60 lb/kft	
Diameter Over Jacket	5.207 mm	0.205 in
Jacket Thickness	0.508 mm	0.020 in

Environmental Specifications

Environmental Space	Non-plenum
Flame Test Method	CMR
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

General Specifications

Cable Type	U/UTP (unshielded)
Pairs, quantity	4
Cable Component Type	Horizontal
Brand	Sanyuan®
Jacket Color	Orange
Conductor Gauge, singles	24 AWG
Conductor Type, singles	Solid
Conductors, quantity	8

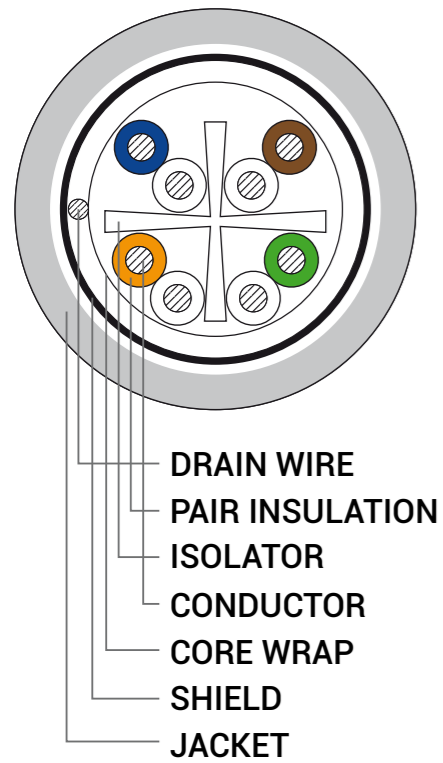
Mechanical Specifications

Pulling Tension, maximum	11 kg	25 lb
--------------------------	-------	-------

Electrical Specifications

ANSI/TIA Category	5e		
dc Resistance Unbalance, maximum	5 %		
dc Resistance, maximum	9.38 ohms/100 m		
Mutual Capacitance	5.6 nF/100 m @ 1 kHz		
Nominal Velocity of Propagation (NVP)	69 %		
Operating Frequency, maximum	200 MHz		
Operating Voltage, maximum	80 V		
Transmission Standards	ANSI/TIA-568-C.2	CENELEC EN 50288-3-1	ISO/IEC 11801 Class D
Dielectric Strength, minimum	1500 Vac		2500 Vdc

Category 6 F/UTP Cable, non-plenum, slate jacket, 4 pair count, 1000 ft (305 m) length, reel



Construction Materials	
Jacket Material	PVC
Conductor Material	Bare copper
Drain Wire Material	Tinned copper
Insulation Material	Polyolefin
Separator Material	Polyolefin
Shield (Tape) Material	Aluminum/Poly

Dimensions		
Cable Length	305 m	1000 ft
Cable Weight	38.00 lb/kft	
Diameter Over Jacket	7.239 mm	0.285 in
Jacket Thickness	0.508 mm	0.020 in

Environmental Specifications	
Environmental Space	Non-plenum
Flame Test Method	CMR
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)

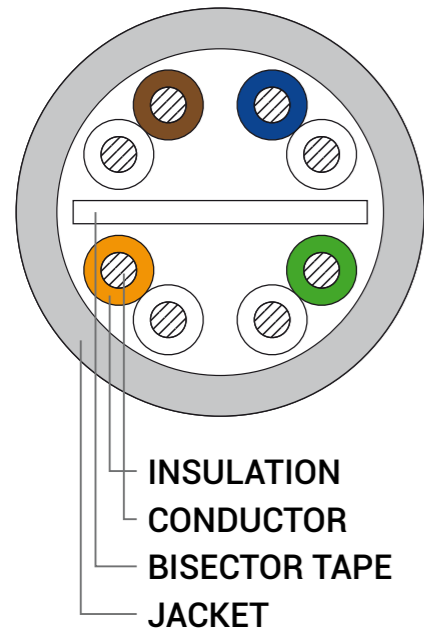
General Specifications	
Cable Type	F/UTP (shielded)
Pairs, quantity	4
Cable Component Type	Horizontal
Packaging Type	Reel
Brand	Sanyuan®
Jacket Color	Slate
Conductor Gauge, singles	23 AWG
Conductor Type, singles	Solid
Conductors, quantity	8
Drain Wire Gauge	24 AWG
Drain Wire Type	Solid
Separator Type	Isolator

Electrical Specifications			
ANSI/TIA Category	6		
dc Resistance Unbalance, maximum	5%		
dc Resistance, maximum	9.38 ohms/100 m		
Mutual Capacitance	5.6 nF/100 m @ 1 kHz		
Nominal Velocity of Propagation (NVP)	68%		
Operating Frequency, maximum	250 MHz		
Operating Voltage, maximum	80 V		
Transmission Standards	ANSI/TIA-568-C.2	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E
Dielectric Strength, minimum	1500 Vac		2500 Vdc

Mechanical Specifications		
Pulling Tension, maximum	11 kg	25 lb

Data Cable

Category 6 U/UTP Cable, non-plenum, orange jacket, 4 pair count, 1000 ft (305 m) length



Construction Materials

Jacket Material	PVC
Conductor Material	Bare copper
Insulation Material	Polyolefin
Separator Material	Polyolefin

Dimensions

Cable Length	305 m	1000 ft
Cable Weight	25.60 lb/kft	
Diameter Over Jacket	5.893 mm	0.232 in
Jacket Thickness	0.559 mm	0.022 in

Environmental Specifications

Environmental Space	Non-plenum	
Flame Test Method	CMG	CMR
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)	
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
UL Temperature Rating	75 °C	167 °F

General Specifications

Cable Type	U/UTP (unshielded)	
Pairs, quantity	4	
Cable Component Type	Horizontal	
Brand	Sanyuan ®	
Jacket Color	Orange	
Product Number	1071E	
Conductor Gauge, singles	23 AWG	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Ordering Note	Not available in Europe, the Middle East, or Africa	
Separator Type	Bisector	

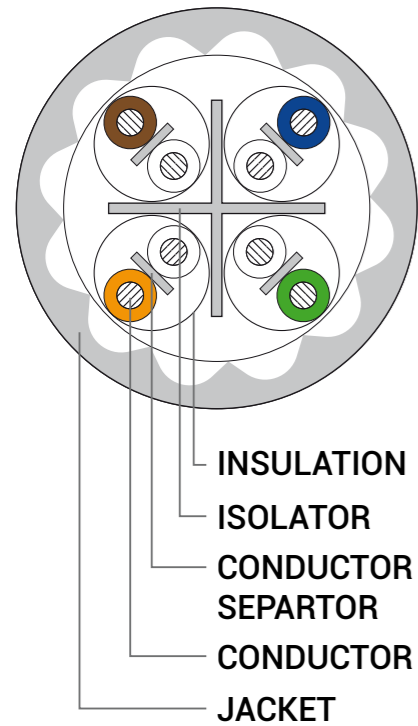
Electrical Specifications

ANSI/TIA Category	6		
dc Resistance Unbalance, maximum	5 %		
dc Resistance, maximum	7.61 ohms/100 m		
Mutual Capacitance	5.6 nF/100 m @ 1 kHz		
Nominal Velocity of Propagation (NVP)	69 %		
Operating Frequency, maximum	300 MHz		
Operating Voltage, maximum	80 V		
Transmission Standards	ANSI/TIA-568-C.2	CENELEC EN 50288-6-1	ISO/IEC 11801 Class E
Dielectric Strength, minimum	1500 Vac		2500 Vdc

Mechanical Specifications

Pulling Tension, maximum	11 kg	25 lb
--------------------------	-------	-------

Category 6A U/UTP Cable, orange jacket, 4 pair count, 1000 ft (305 m) length, reel



Construction Materials

Jacket Material	PVC
Conductor Material copper	Bare copper
Insulation Material	Polyolefin
Separator Material	Polyolefin
Separator 2 Material	Polyolefin

Dimensions

Cable Length	305 m	1000 ft
Cable Weight	37.30 lb/kft	
Diameter Over Jacket	7.239 mm	0.285 in
Jacket Thickness	1.295 mm	0.051 in

Electrical Specifications

ANSI/TIA Category	6A	
Characteristic Impedance	100 ohm	
Characteristic Impedance Tolerance	±15 ohm	
dc Resistance Unbalance, maximum	4 %	
dc Resistance, maximum	7.61 ohms/100 m	
Mutual Capacitance	6.0 nF/100 m @ 1 kHz	
Nominal Velocity of Propagation (NVP)	65 %	
Operating Frequency, maximum	550 MHz	
Operating Voltage, maximum	80 V	
Transmission Standards	ANSI/TIA-568-C.2	ISO/IEC 11801 Class EA
Dielectric Strength, minimum	1500 Vac	2500 Vdc

Environmental Specifications

Environmental Spac	Non-plenum	
Flame Test Method	CMR	
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)	
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)	
UL Temperature Rating	75 °C	167 °F

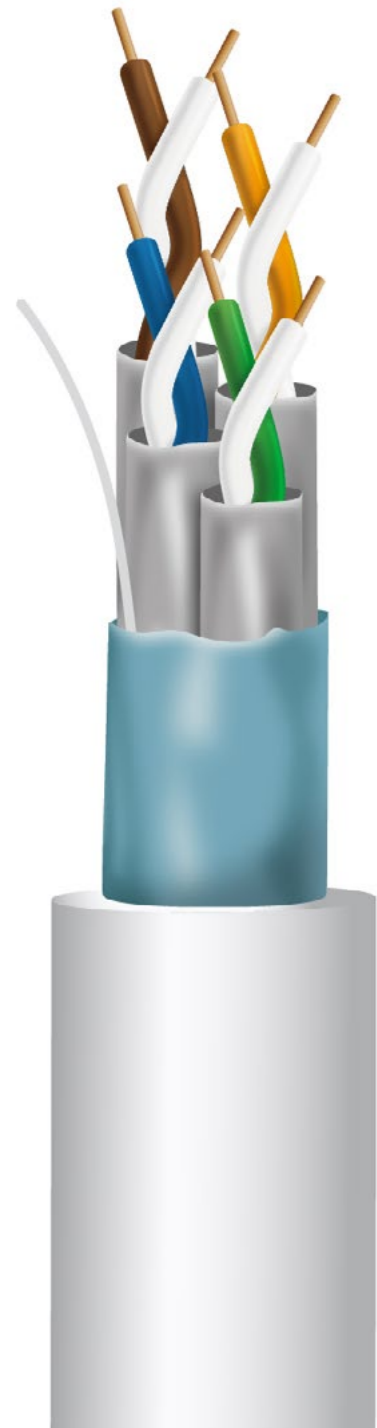
General Specifications

Cable Type	U/UTP (unshielded)	
Pairs, quantity	4	
Cable Component Type Horizontal	Horizontal	
Packaging Type	Reel	
Brand	Sanyuan ®	
Jacket Color	Orange	
Product Number	1091B	
Conductor Gauge, singles	23 AWG	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Separator Type	Isolator	

Mechanical Specifications

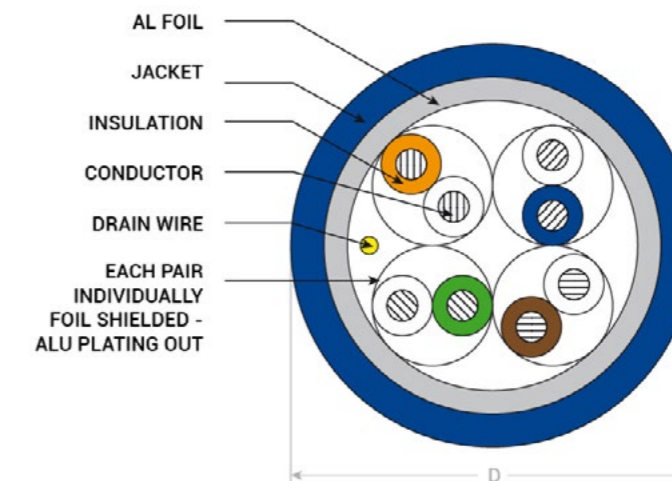
Pulling Tension, maximum	11 kg	25 lb
--------------------------	-------	-------

Copper Cable, category 7, 4 pair simplex, F/FTP, LSZH, 23 AWG, 500 m, white



Product Classification				
Portfolio	Sanyuan ®			
Product Type	Twisted pair cable			
Standards And Qualifications				
EN50575 CPR Cable EuroClass	Dca	s2	d1	a1
Construction Materials				
Jacket Material	Low Smoke Zero Halogen (LSZH)			
Conductor Material	Bare copper			
Insulation Material	Polyolefin			
Dimensions				
Cable Length	500 m	1640 ft		
Cable Weight	52.00 kg/km			
Diameter Over Jacket, nominal	6.800 mm	0.268 in		
Electrical Specifications				
ANSI/TIA Category	7			
Characteristic Impedance	100 ohm			
Characteristic Impedance Tolerance	±15 ohm			
Nominal Velocity of Propagation (NVP)	78 %			
Operating Voltage, maximum	80 V			
Transmission Standards	CENELEC EN 50288-4-1	ISO/IEC 11801 Class F		
Environmental Specifications				
Installation Temperature	0 °C to +50 °C (+32 °F to +122 °F)			
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)			

General Specifications		
Cable Type	F/FTP (shielded)	
Packaging Typ	Reel	
Pairs, quantity	4	
Cable Component Type	Horizontal	
Jacket Color	White	
Conductor Gauge, singles	23 AWG	
Conductor Type, singles	Solid	
Conductors, quantity	8	
Mechanical Specifications		
Minimum Bend Radius, multiple bends	29.60 mm	1.17 in



Copper Cable, category 7A, 4 pair, simplex, S/FTP, LSFRZH, 22 AWG solid, 1000 m reel, white



Product Classification				
Portfolio	Sanyuan ®			
Product Type	Twisted pair cable			
Standards And Qualifications				
EN50575 CPR Cable EuroClass	Dca	s2	d1	a1
Construction Materials				
Jacket Material	Low Smoke Fire Retardant Zero Halogen (LSFRZH)			
Conductor Material	Bare copper			
Insulation Material	Foamed polyethylene (FPE)			
Shield (Tape) Material	Aluminum/Polyester			
Dimensions				
Cable Length	1000 m	3281 ft		
Cable Weight	63.00 kg/km			
Diameter Over Jacket Tolerance	±0.3 mm			
Diameter Over Jacket, nominal	7.800 mm	0.307 in		
General Specifications				
Cable Type	S/FTP (shielded)			
Packaging Type	Reel			
Pairs, quantity	4			
Cable Component Type	Horizontal			
Jacket Color	White			
Conductor Gauge, singles	22 AWG			
Conductor Type, singles	Solid			
Conductors, quantity	8			
Environmental Specifications				
Acid Gas Test Method	IEC 60754-2			
Installation Temperature	0 °C to +50 °C (+32 °F to +122 °F)			
Operating Temperature	-20 °C to +60 °C (-4 °F to +140 °F)			
Mechanical Specifications				
Pulling Tension, maximum	11 kg	25 lb		

Electrical Performance							
Freq. MHz	Att. Typ. dB	ARC Typ. db	PSNEXT		PSELFEXT Min. dB	RL	
			Min. dB	Typ. dB		Min. dB	Typ. dB
4	3.5	90	82	90	79	23	35
10	5.4	88	82	90	71	25	40
16	6.8	86	82	90	67	25	40
20	7.6	85	82	90	65	25	40
31.25	9.6	83	82	90	61	25	40
62.5	14	79	82	90	55	25	40
100	18	76	82	90	51	23	40
125	20	73	82	90	49	22	38
200	25	68	82	90	45	21	35
250	27	66	82	90	43	20	35
300	30	63	82	90	41	20	30
600	43	45	75	85	35	20	27
800	49	37	75	83	32	19	25
1000	57	29	75	83	31	18	25
1200	63	22	75	82	29	17	22

Electrical Specifications			
ANSI/TIA Category	7A		
Characteristic Impedance	100 ohm		
Characteristic Impedance Tolerance	±5 ohm		
Delay Skew, maximum	12 ns		
Nominal Velocity of Propagation (NVP)	80 %		
Operating Voltage, maximum	80 V		
Transmission Standards	ANSI/TIA-568-C.2	CENELEC EN 50288-6-1	ISO/IEC 11801 Class FA
Safety Voltage Rating	240 V		

