

Cat5e U/UTP LAN Cable

PVC CPR Eca

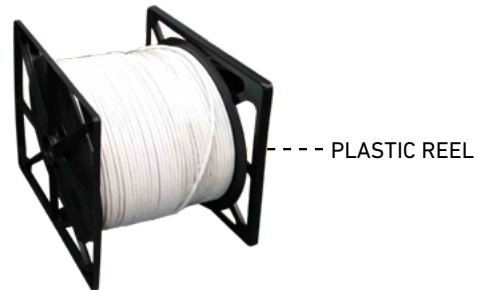
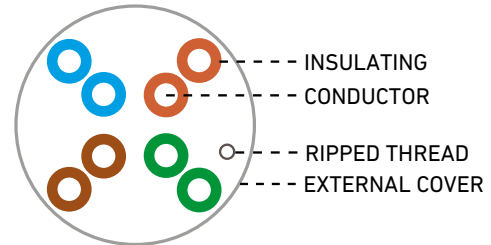
CLU 5 CCA

- 4 twisted pairs
- Plastic spool for easy pulling
- 25 AWG
- CPR Eca

CPR
Eca

Reference	CLU5CCA	
Code	390009	
Construction	Screening	U/UTP
	Conductor material	CCA
	Diameter	24 AWG (0.50±0.005mm)
	Insulation material	HDPE
	Nominal diameter	0.90±0.05mm
	Outside cover material	PVC
	External diameter	5.0±0.3mm
	Color	White RAL9010
	Cross-pair separator	No
	Rip cord	Si
Electrical characteristics	Frequency range	1-100MHz
	Impedance	100±15Ω
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced DC resistance	≤9.5Ω/100m
General	Minimum bend radius	30mm
	Storage Temp Range	-20°C ~ 80°C
	Temp range installation	-20°C ~ 80°C
	Work temperature	-20°C ~ 80°C
	Maximum pulling force	100N
	CPR	Eca
Packaging	Reel in box of 305m	
Weight	Kg (Neto / Bruto) 6 / 8	
Color code	Par1	Blue – white/blue
	Par2	Orange – white/orange
	Par3	Green – White/green
	Par4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	2.0	65.3	20.0	62.3	63.8	60.8
4	4.1	56.3	23.0	53.3	51.8	48.8
8	5.8	51.8	24.5	48.8	45.7	42.7
10	6.5	50.3	25.0	47.3	43.8	40.8
16	8.2	47.2	25.0	44.4	39.7	36.7
20	9.3	45.8	25.0	42.8	37.8	34.8
25	10.4	44.3	24.3	41.3	35.8	32.8
31.25	11.7	42.9	23.6	39.9	33.9	30.9
62.5	17.0	38.4	21.5	35.4	27.9	24.9
100	22.0	35.3	20.1	32.3	23.8	20.8



CLU 5 CCA

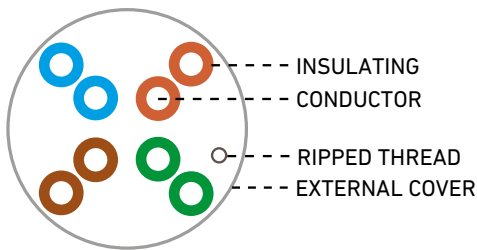
Cat5e U/UTP LAN Cable

PVC CPR Eca

CLU 5 CU

- 4 twisted pairs
- Plastic spool for easy pulling
- 25 AWG
- CPR Eca

CPR
Eca



CLU 5 CU

Reference		CLU5CU
Code		390005
Construction	Screening	U/UTP
	Conductor material	BC, cobre
	Diameter	25 AWG (0.45±0.01mm)
	Insulation material	HDPE
	Nominal thickness	0.195mm
	Diameter	0.83±0.05mm
	Outside cover material	PVC
	Outside diameter	4.8±0.5mm
	Color	Blanco RAL9010
	Cross-pair separator	No
Rip cord	Si	
Electrical characteristics	Frequency range	1-100MHz
	Impedance	120,00/Km
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced capacity	≤330pF/100m
	Maximum unbalanced DC resistance	≤5%
	Minimum bend radius	100mm
	Storage Temp Range	-15°C ~ 75°C
	Temp range installation	-15°C ~ 75°C
	Work temperature	0°C ~ 60°C
	Maximum pulling force	25lbs
	CPR	Eca
Packaging		Reel in box of 305m
Weight	Kg	9,6 / 7,8
Color code	Pair1	Blue – white/blue
	Pair2	Orange – white/orange
	Pair3	Green – White/green
	Pair4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	3.0	60.0	17.0	57.0	57.4	54.4
4	4.5	53.5	17.0	50.5	45.4	42.4
8	6.3	54.8	17.0	45.63	39.3	36.3
10	7.1	47.0	17.0	44.0	37.4	34.4
16	9.1	43.6	17.0	40.6	33.3	30.3
20	10.2	42.0	17.0	39.0	31.4	28.4
25	11.4	40.3	16.0	37.3	29.4	26.4
31.25	12.9	38.7	15.1	35.7	27.5	24.5
62.5	18.6	33.6	12.1	30.6	21.5	18.5
100	24.0	30.1	10.0	27.1	17.4	14.4

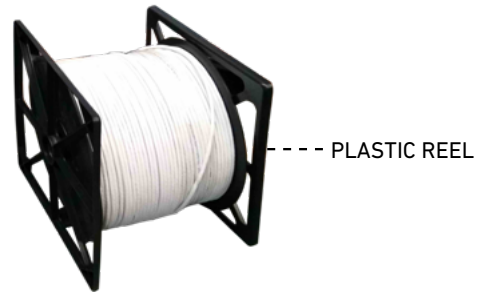
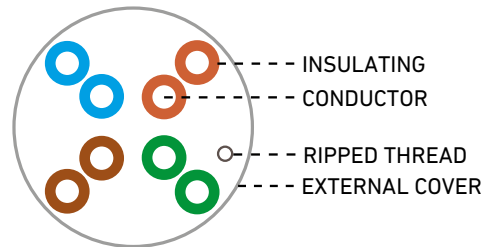
Cat5e U/UTP LAN Cable

LSZH-UV CPR Eca

CLU5 CU-E

- 4 twisted pairs
- Plastic spool for easy pulling
- 24 AWG
- CPR Eca
- White LSZH-UV cover optimized and adapted for external use.

CPR
Eca



Reference		CLU5CU-E
Code		390006
Construction	Screening	U/UTP
	Conductor material	BC, copper
	Diameter	24 AWG (0.48±0.01mm)
	Insulation material	HDPE
	Nominal thickness	0.195mm
	Diameter	0.87±0.05mm
	Outside cover material	LSZH-UV
	Outside diameter	5.0±0.5mm
	Color	White RAL9010
	Cross-pair separator	No
	Rip cord	Yes
Electrical characteristics	Frequency range	1-100MHz
	Impedance	120,0Ω/Km
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced capacity	≤330pF/100m
	Maximum unbalanced DC resistance	≤5%
	Minimum bend radius	100mm
	Storage Temp Range	-15°C ~ 75°C
	Temp range installation	-15°C ~ 75°C
	Work temperature	0°C ~ 60°C
	Maximum pulling force	25lbs
	CPR	Eca
Packaging		Reel in box of 305m
Weight	Kg	10,3 / 8,5
Color code	Pair1	Blue – white/blue
	Pair2	Orange – white/orange
	Pair3	Green – White/green
	Pair4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	3.0	60.0	19.0	57.0	58.6	55.6
4	3.9	54.8	19.0	51.8	46.6	43.6
8	5.5	50.0	19.0	47.0	40.6	37.6
10	6.2	48.5	19.0	45.5	38.6	35.6
16	7.9	45.2	19.0	42.2	34.5	31.5
20	8.9	43.7	19.0	40.7	32.6	29.6
25	10.0	42.1	18.0	39.1	30.7	27.7
31.25	11.2	40.5	17.1	37.5	28.7	25.6
62.5	16.2	35.7	14.1	32.7	22.7	19.7
100	21.0	32.3	12.0	29.3	18.6	15.6



CLU5 CU-E

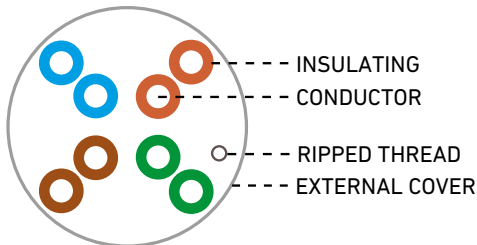
Cat5e F/UTP LAN Cable

LSZH-UV CPR Eca

CLF 5 CU-E

- 4 twisted pairs
- Plastic spool for easy pulling
- 24 AWG
- CPR Eca
- White LSZH-UV cover optimized and adapted for external use

CPR
Eca



CLF5 CU-E

Reference		CLF5CU-E
Code		390007
Construction	Screening	F/UTP
	Conductor material	BC, copper
	Diameter	24 AWG (0.50±0.01mm)
	Insulation material	HDPE
	Nominal thickness	0.25mm
	Diameter	1.0±0.05mm
	Outside cover material	LSZH-UV
	Outside diameter	6.0±0.5mm
	Color	Blanco RAL9010
	Cross-pair separator	No
Rip cord	Yes	
Outer shield	Al foil	
Electrical characteristics	Frequency range	1-100MHz
	Impedance	95.8Ω/Km
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced capacity	≤330pF/100m
	Maximum unbalanced DC resistance	≤5%
General	Minimum bend radius	65mm
	Storage Temp Range	-15°C ~ 75°C
	Temp range installation	-15°C ~ 75°C
	Work temperature	0°C ~ 60°C
	Maximum pulling force	25lbs
	CPR	Eca
Packaging		Reel in box of 305m
Weight	Kg	12,8 / 10,6
Color code	Pair1	Blue – white/blue
	Pair2	Orange – white/ orange
	Pair3	Green – White/green
	Pair4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	3.0	60.0	19.0	57.0	58.6	55.6
4	3.9	54.8	19.0	51.8	46.6	43.6
8	5.5	50.0	19.0	47.0	40.6	37.6
10	6.2	48.5	19.0	45.5	38.6	35.6
16	7.9	45.2	19.0	42.2	34.5	31.5
20	8.9	43.7	19.0	40.7	32.6	29.6
25	10.0	42.1	18.0	39.1	30.7	27.7
31.25	11.2	40.5	17.1	37.5	28.7	25.7
62.5	16.2	35.7	14.1	32.7	22.7	19.7
100	21.0	32.3	12.0	29.3	18.6	15.6

Cat6 U/UTP LAN Cable BC

23 AWG PVC CPR Eca

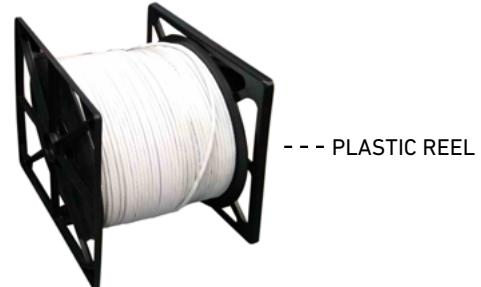
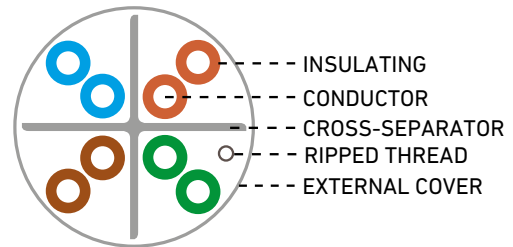
Reference		CLU6CCA
Code		390008
Construction	Screening	U/UTP
	Conductor material	CCA
	Diameter	23 AWG (0.57±0.005mm)
	Insulation material	HDPE
	Nominal diameter	1,02±0.05mm
	Outside cover material	PVC-FR
	External diameter	6,10±0.3mm
	Color	White RAL9010
	Cross-pair separator	Si
Rip cord	Si	
Electrical characteristics	Frequency range	1-250MHz
	Impedance	100±15Ω
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced DC resistance	≤9,5Ω/100m
General	Minimum bend radius	30mm
	Storage Temp Range	-20°C ~ 80°C
	Temp range installation	-20°C ~ 80°C
	Work temperature	-20°C ~ 80°C
	Maximum pulling force	100N
	CPR	Eca
Packaging		Reel in box of 305m
Weight	Kg (Neto / Bruto)	8,5 / 10,5
Color code	Par1	Blue – white/blue
	Par2	Orange – white/orange
	Par3	Green – White/green
	Par4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	2.0	74.3	20.0	72.3	67.8	64.8
4	3.8	65.3	23.0	63.3	55.8	52.8
8	5.3	60.8	24.5	58.8	49.7	46.7
10	6.0	59.3	25.0	57.3	47.8	44.8
16	7.6	56.2	25.0	54.2	43.7	40.7
20	8.5	54.8	25.0	52.8	41.8	38.8
25	9.5	53.3	24.3	51.3	39.8	36.8
31.25	10.7	51.9	23.6	49.9	37.9	34.9
62.5	15.4	47.4	21.5	45.4	31.9	28.9
100	19.8	44.3	20.1	42.3	27.8	24.8
200	29.0	39.8	18.0	37.8	21.8	18.8
250	32.8	38.3	17.3	36.3	19.8	16.8

CLU 6 CCA

- 4 twisted pairs
- Plastic spool for easy pulling
- 23 AWG
- CPR Eca

CPR
Bca



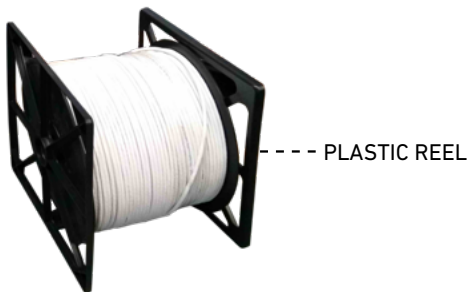
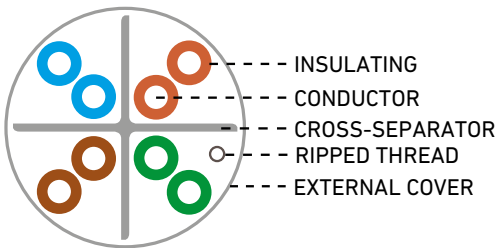
Cat6 U/UTP LAN Cable BC

24 AWG LSZH CPR Eca

CLU 6 CU

- 4 twisted pairs with cross
- Plastic spool for easy pulling
- 24 AWG
- CPR Eca LSZH

CPR
Eca



Reference		CLU6CU
Code		390001
Construction	Screening	U/UTP
	Conductor material	BC, Copper
	Diameter	24 AWG (0.51±0.01mm)
	Insulation material	HDPE
	Nominal thickness	0.21mm
	Diameter	0.93±0.05mm
	Outside cover material	LSZH
	Outside diameter	5.6±0.5mm
	Color	White RAL9010
	Cross-pair separator	yes
Rip cord	yes	
Electrical characteristics	Frequency range	1-250MHz
	Impedance	93.8Ω/Km
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced capacity	≤330pF/100m
	Maximum unbalanced DC resistance	≤5%
General	Minimum bend radius	65mm
	Storage Temp Range	-15°C ~ 75°C
	Temp range installation	-15°C ~ 75°C
	Work temperature	0°C ~ 60°C
	Maximum pulling force	25lbs
	CPR	Eca
Packaging		Reel in box of 305m
Weight	Kg	11,5 / 9.7
Color code	Pair1	Blue – white/blue
	Pair2	Orange – white/orange
	Pair3	Green – White/green
	Pair4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	3.0	65.0	19.1	62.0	64.2	61.2
4	3.5	64.1	21.0	61.8	52.1	49.1
8	5.0	59.4	21.0	57.0	46.1	43.1
10	5.5	57.8	21.0	55.5	44.2	41.2
16	7.0	54.6	20.0	52.2	40.1	37.1
20	7.9	53.1	19.5	50.7	38.2	35.2
25	8.9	51.5	19.0	49.1	36.2	33.2
31.25	10.0	50.0	18.5	47.5	34.3	31.3
62.5	14.4	45.1	16.0	42.7	28.3	25.3
100	18.6	41.8	14.0	39.3	24.2	21.2
200	27.4	36.9	11.0	34.3	18.2	15.2
250	31.1	35.3	10.0	32.7	16.2	13.2

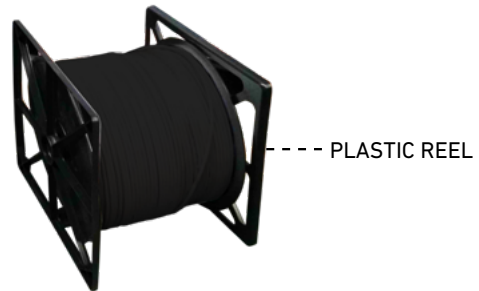
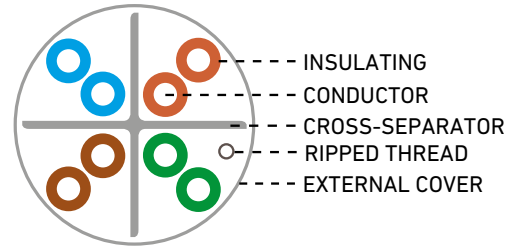
Cat6 U/UTP LAN Cable BC

24 AWG black PE

CLU6CU-E

- 4 twisted pairs with cross
- Plastic spool for easy pulling
- Black PE for outdoor use
- 24 AWG

Reference		CLU6CU-E
Code		390002
Construction	Screening	U/UTP
	Conductor material	BC, Copper
	Diameter	24 AWG (0.51±0.01mm)
	Insulation material	HDPE
	Nominal thickness	0.21mm
	Diameter	0.93±0.05mm
	Outside cover material	PE
	Outside diameter	5.6±0.5mm
	Color	Black
	Cross-pair separator	Yes
Rip cord	Yes	
Electrical characteristics	Frequency range	1-250MHz
	Impedance	93.8Ω/Km
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced capacity	≤330pF/100m
	Maximum unbalanced DC resistance	≤5%
General	Minimum bend radius	65mm
	Storage Temp Range	-15°C ~ 75°C
	Temp range installation	-15°C ~ 75°C
	Work temperature	0°C ~ 60°C
	Maximum pulling force	25lbs
Packaging		Reel in box of 305m
Weight	Kg	10,8 / 9
Color code	Pair1	Blue – white/blue
	Pair2	Orange – white/orange
	Pair3	Green – White/green
	Pair4	Brown – white/brown



Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	3.0	65.0	19.1	62.0	64.2	61.2
4	3.5	64.1	21.0	61.8	52.1	49.1
8	5.0	59.4	21.0	57.0	46.1	43.1
10	5.5	57.8	21.0	55.5	44.2	41.2
16	7.0	54.6	20.0	52.2	40.1	37.1
20	7.9	53.1	19.5	50.7	38.2	35.2
25	8.9	51.5	19.0	49.1	36.2	33.2
31.25	10.0	50.0	18.5	47.5	34.3	31.3
62.5	14.4	45.1	16.0	42.7	28.3	25.3
100	18.6	41.8	14.0	39.3	24.2	21.2
200	27.4	36.9	11.0	34.3	18.2	15.2
250	31.1	35.3	10.0	32.7	16.2	13.2



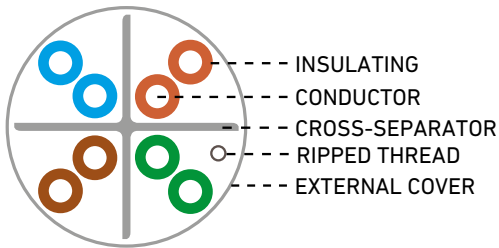
Cat6A U/UTP LAN Cable

BC 23 AWG LSZH CPR Eca

CLU 6 A

- 4 twisted pairs with cross
- Plastic spool for easy pulling
- 23 AWG
- CPR Eca LSZH

CPR
Eca



CLU 6 A

Reference		CLU6A
Code		390003
Construction	Screening	U/UTP
	Conductor material	BC, copper
	Diameter	23 AWG (0.56±0.02mm)
	Insulation material	HDPE
	Nominal thickness	0.21mm
	Diameter	1.0±0.05mm
	Outside cover material	LSZH
	Outside diameter	6.3±0.5mm
	Color	White RAL9010
Cross-pair separator	Yes	
Rip cord	Yes	
Electrical characteristics	Frequency range	1-500MHz
	Impedance	93.8Ω/Km
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced capacity	≤330pF/100m
	Maximum unbalanced DC resistance	≤5%
General	Minimum bend radius	65mm
	Storage Temp Range	-15°C ~ 75°C
	Temp range installation	-15°C ~ 75°C
	Work temperature	0°C ~ 60°C
	Maximum pulling force	25lbs
	CPR	Eca
Packaging		Reel in box of 305m
Weight	Kg	15 / 13
Color code	Pair1	Blue – white/blue
	Pair2	Orange – white/orange
	Pair3	Green – White/green
	Pair4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	3.0	65.0	19.1	62.0	64.2	61.2
4	3.5	64.1	21.0	61.8	52.1	49.1
8	5.0	59.4	21.0	57.0	46.1	43.1
10	5.5	57.8	21.0	55.5	44.2	41.2
16	7.0	54.6	20.0	52.2	40.1	37.1
20	7.8	53.1	19.5	50.7	38.2	35.2
25	8.8	51.5	19.0	49.1	36.2	33.2
31.25	9.8	50.0	18.5	47.5	34.3	31.3
62.5	14.0	45.1	16.0	42.7	28.3	25.3
100	18.0	41.8	14.0	39.3	24.2	21.2
200	26.1	36.9	11.0	34.3	18.2	15.2
250	29.5	35.3	10.0	32.7	16.2	13.2
350	35.6	31.8	8.6	29.1	13.3	10.3
500	43.8	26.7	8.0	23.8	10.2	7.2

Cat6A U/UTP LAN Cable BC

23 AWG LSZH CPR B2ca

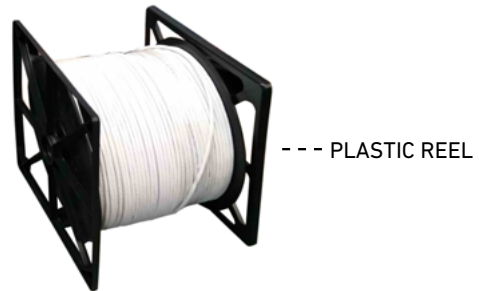
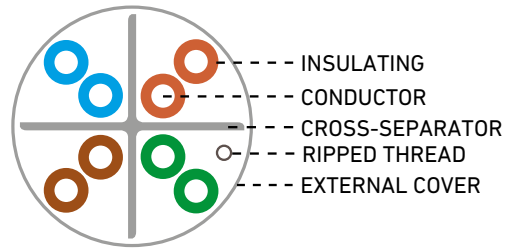
Reference	CLU 6AB	
Code	390004	
Construction	Screening	U/UTP
	Conductor material	BC, Copper
	Diameter	23 AWG (0.56±0.02mm)
	Insulation material	HDPE
	Nominal thickness	0.21mm
	Diameter	1.0±0.05mm
	Outside cover material	LSZH
	Outside diameter	6.3±0.5mm
	Color	Blanco RAL9010
	Cross-pair separator	Yes
Rip cord	Yes	
Electrical characteristics	Frequency range	1-500MHz
	Impedance	93.8Ω/Km
	Mutual capacitance	≤56nF/Km
	Maximum unbalanced capacity	≤330pF/100m
	Maximum unbalanced DC resistance	≤5%
General	Minimum bend radius	65mm
	Storage Temp Range	-15°C ~ 75°C
	Temp range installation	-15°C ~ 75°C
	Work temperature	0°C ~ 60°C
	Maximum pulling force	25lbs
	CPR	B2ca s1 d2 a1
Packaging	Reel in box of 305m	
Weight	Kg 18,7 / 16,5	
Color code	Pair1	Blue – white/blue
	Pair2	Orange – white/orange
	Pair3	Green – White/green
	Pair4	Brown – white/brown

Frequency (MHZ)	Att. Max. (dB/100m)	NEXT (dB)	RL (dB)	PS-NEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	3.0	65.0	19.1	62.0	64.2	61.2
4	3.5	64.1	21.0	61.8	52.1	49.1
8	5.0	59.4	21.0	57.0	46.1	43.1
10	5.5	57.8	21.0	55.5	44.2	41.2
16	7.0	54.6	20.0	52.2	40.1	37.1
20	7.8	53.1	19.5	50.7	38.2	35.2
25	8.8	51.5	19.0	49.1	36.2	33.2
31.25	9.8	50.0	18.5	47.5	34.3	31.3
62.5	14.0	45.1	16.0	42.7	28.3	25.3
100	18.0	41.8	14.0	39.3	24.2	21.2
200	26.1	36.9	11.0	34.3	18.2	15.2
250	29.5	35.3	10.0	32.7	16.2	13.2
350	35.6	31.8	8.6	29.1	13.3	10.3
500	43.8	26.7	8.0	23.8	10.2	7.2

CLU 6AB

- 4 twisted pairs with cross
- Plastic spool for easy pulling
- 23 AWG
- CPR B2ca s1 a1 LSZH

CPR Bca

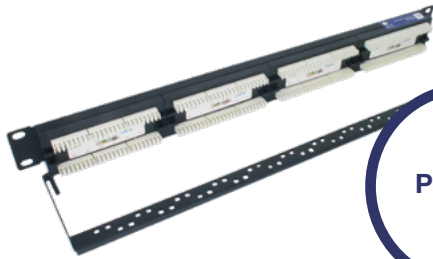


Accessories / Racks and trays / Tools

R6 19 450



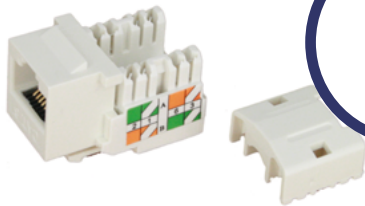
PP 24 6C



KJ C6 TL



KJ C6



R C6



H RJ45



ACCESSORIES

393001	KJ C6	Keystone jack / Cat6 UTP female connector
393002	KJ C6 TL	Keystone jack / Cat6 UTP female connector without tools
393021	R C6	Data terminal rosette box with dust cap. Keystone not included.
393003	RJ45 C6	Cat6 UTP RJ45 male connector
393004	C RJ45	White cap for male RJ45 connector

RACKS AND TRAYS

396001	R6 19 450	Wall rack 19 "6U 450mm background
396002	R9 19 450	Wall rack 19 "9U 450mm deep
392001	PP 24 S	24 ports empty patch panel for 19 " rack (keystone not included)
392020	SC PP	Wire support
392005	PP 24 6 C	24 Cat6 ports patch panel for 19 " rack
397001	PC 1 19	Blind panel 1U rack 19 "
397002	PC 2 19	Blind panel 2U rack 19 "
397003	GC 19	Wires guide for 19 " rack 1U
397004	PPC 19	Lead-through for 19 " rack 1U

TOOLS

394001	H KJ	KJC6 keystone jack tool
394002	H RJ45	Tool for RJ45 connector C6



EKSELANS BY ITS

EKSELANS by ITS
ITS Partner O.B.S. S.L
Av. Corts Catalanes 9-11
08173 Sant Cugat del Vallès
Barcelona (España)
Tel: +34 93 583 95 43
info@ek.plus
www.ek.plus