









- This CAT6 cable has unshielded twisted pairs
- Suitable for 10/100/1000 Mbps network environments
- The solid cores perfect to use with unmatched networks
- Independently verified for quality assurance
- Guaranteed industry transmission standards



									REV		DESCRIPTION		DATE
SPECIFICATION: Cat. 6 UTP Cable 23AWG*4PR+filler(HD-PE"+")									0				2016. 09.
	000				11 11 1	11101 (1		' /					
I	TEMS	UNI	T	23AWG(1/0.574Cu)*4Pairs									
	SIZE	AW	G	23AWG					VI	EW.			
CONDUCTOR	CONSTRUCTION	PCS/	mm	1/0.574±0.06mm					V1	VIEW:			
	MATERIAL			Cu							_	FILI	ERS
	MATERIAL			HD-PE								112	22110
INSULATION	OD	mn	1	1. 02±0. 025mm						//	(IP)		
	201.00		\nearrow	White/Blue & Blue; White/Orange & Orange;						2P		JA0	CKET
	COLOR			White/Green & Green; White/Brown & Brown.									
	AVG. THICK	mr	T=0. 22mm										
CABLING	FILLERS			4.7*4.7mm (HD-PE)								CONDU	CTOR
	MY-OVERLAPPIN	G mm/	%										
	AL-OVERLAPPIN	_	%									INSUL	ATION
	DRAIN WIRE	PCS/	mm										
BRAID	CONSTRUCTION	PCS/	mm										
DRAID	COVERAGE	%								Core wire cold	rs:		
	MATERIAL			PVC-45P						1P*23AWG:White/Blue & Blue; 2P*23AWG:White/Orange & Orange; 3P*23AWG:White/Green & Green;			
JACKET	COLOR			Blue									
	OD			6.2 mm									
	UD UD	mm											
				CHARAG	CTERIS	TICS							
	E]	LECTR	RICAL (CHARA	CTERIS	TICS					nite/Brown & l		
	El cor Resistance:	LECTR at 20°C	RICAL (:82 Ω/km;	CTERIS	TICS							
2. Impedar	El tor Resistance: nce: Pairs(diff	LECTR at 20°C erential	Max 23AWG	:82 Ω/km; 0±15 Ω					MADK	4P*23AWG:Wh	nite/Brown & 1	Brown.	IP 75°C
2. Impedar	Enter Resistance: pairs(diff	LECTR at 20°C erential	Max 23AWG mode) 10	:82 Ω /km; 0 \pm 15 Ω	PS ACR	ELFEXT		Return Loss		4P*23AWG:Wh	mite/Brown & 1	Brown.	
2. Impedar	cor Resistance: nce: Pairs(diff	at 20°C erential	Max 23AWG mode) 10	$:82~\Omega \ / \mathrm{km};$ $0 \pm 15~\Omega$ ACR (dB/100m)	PS ACR (dB/100m)	ELFEXT (dB/100m)	(dB/100m)	(dB)	Syste	4P*23AWG:Wh	mite/Brown & 1	Brown.	
2. Impedar	Enter Resistance: pairs(diff	LECTR at 20°C erential	Max 23AWG mode) 10	:82 Ω /km; 0 \pm 15 Ω	PS ACR	ELFEXT			Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREG (MHz	tor Resistance: nce: Pairs(diff Q ATTEN (dB/100m) 3.0	at 20°C erential	Max 23AWG mode) 10 PS NEXT (dB) 62.0	:82 Ω /km; 0±15 Ω ACR (dB/100m) 62.0	PS ACR (dB/100m) 59.0	ELFEXT (dB/100m) 63.3	(dB/100m) 60.3	(dB) 19.0	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREG (MHz 1 4	Cor Resistance: nce: Pairs (diff (2) ATTEN (dB/100m) 3.0 4.0 5.6 6.3	at 20°C erential NEXT (dB) 65.0 63.0 58.2 56.6	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0	$\begin{array}{c} : 82 \; \Omega / \text{km}; \\ 0 \pm 15 \; \Omega \\ \\ \text{ACR} \\ \text{(dB/100m)} \\ \hline 62.0 \\ \hline 59.0 \\ \hline 52.5 \\ \hline 50.2 \\ \end{array}$	PS ACR (dB/100m) 59.0 56.5 49.9 47.7	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2	(dB/100m) 60.3 48.2 42.2 40.3	(dB) 19.0 19.0 19.0 19.0	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREC (MHz 1 4 8 10 16	Electric Resistance: Pairs (difficult of the control of the contro	LECTR at 20°C cerential NEXT (dB) 65.0 63.0 58.2 56.6 53.2	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0 50.6	:82 Ω /km; 0±15 Ω ACR (dB/100m) 62.0 59.0 52.5 50.2 45.2	PS ACR (dB/100m) 59.0 56.5 49.9 47.7 42.5	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2 39.2	(dB/100m) 60.3 48.2 42.2 40.3 36.2	(dB) 19.0 19.0 19.0 19.0	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREG (MHz 1 4 8 10 16 20	E) cor Resistance: nce: Pairs (diff 2) (dB/100m) 3.0 4.0 5.6 6.3 8.0 9.0	LECTR at 20°C erential NEXT (dB) 65.0 63.0 58.2 56.6 53.2 51.6	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0 50.6 49.0	$\begin{array}{c} :82 \; \Omega / \text{km} ; \\ 0 \pm 15 \; \Omega \\ \\ \text{ACR} \\ \text{(dB/100m)} \\ \hline 62.0 \\ 59.0 \\ 52.5 \\ \hline 50.2 \\ 45.2 \\ 42.6 \\ \end{array}$	PS ACR (dB/100m) 59.0 56.5 49.9 47.7 42.5 39.9	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2 39.2 37.2	(dB/100m) 60.3 48.2 42.2 40.3 36.2 34.2	(dB) 19.0 19.0 19.0 19.0 19.0 19.0	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREC (MHz 1 4 8 10 16 20 25	E) cor Resistance: nce: Pairs (diffa 2) (dB/100m) 3.0 4.0 5.6 6.3 8.0 9.0 10.1	At 20°C erential NEXT (dB) 65.0 63.0 58.2 56.6 53.2 51.6 50.0	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0 50.6 49.0 47.4	: 82 Ω /km; 0±15 Ω ACR (dB/100m) 62.0 59.0 52.5 50.2 45.2 42.6 39.9	PS ACR (dB/100m) 59.0 56.5 49.9 47.7 42.5 39.9 37.2	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2 39.2 37.2 35.3	(dB/100m) 60.3 48.2 42.2 40.3 36.2 34.2 32.3	(dB) 19.0 19.0 19.0 19.0 19.0 19.0 17.5	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREC (MH2 1 4 8 10 16 20 25 31.25	Expression Resistance: Pairs (difference: Pairs (di	AECTR at 20°C erential NEXT (dB) 65.0 63.0 58.2 56.6 53.2 51.6 50.0 48.4	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0 50.6 49.0 47.4 45.7	: 82 Ω /km; 0±15 Ω ACR (dB/100m) 62.0 59.0 52.5 50.2 45.2 42.6 39.9 37.0	PS ACR (dB/100m) 59.0 56.5 49.9 47.7 42.5 39.9 37.2 34.3	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2 39.2 37.2 35.3 33.3	(dB/100m) 60.3 48.2 42.2 40.3 36.2 34.2 32.3 30.4	(dB) 19.0 19.0 19.0 19.0 19.0 19.0 17.5 17.0 16.5	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREC (MHz 1 4 8 10 16 20 25 31,25 62,5	El cor Resistance: nce: Pairs (difficulty of the correct of the co	LECTR at 20°C cerential NEXT (dB) 65.0 63.0 58.2 56.6 53.2 51.6 50.0 48.4 43.4	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0 50.6 49.0 47.4 45.7	$\begin{array}{c} :82 \; \Omega / \mathrm{km}; \\ 0 \pm 15 \; \Omega \\ \\ \text{ACR} \\ (\mathrm{dB/100m}) \\ 62.0 \\ 59.0 \\ 52.5 \\ 50.2 \\ 45.2 \\ 42.6 \\ 39.9 \\ 37.0 \\ 26.9 \end{array}$	PS ACR (dB/100m) 59.0 56.5 49.9 47.7 42.5 39.9 37.2 34.3 24.1	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2 39.2 37.2 35.3 33.3 27.3	(dB/100m) 60.3 48.2 42.2 40.3 36.2 34.2 32.3 30.4 24.3	(dB) 19.0 19.0 19.0 19.0 19.0 19.0 17.5 17.0 16.5 14.0	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREC (MH2 1 4 8 10 16 20 25 31.25	Expression Resistance: Pairs (difference: Pairs (di	AECTR at 20°C erential NEXT (dB) 65.0 63.0 58.2 56.6 53.2 51.6 50.0 48.4	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0 50.6 49.0 47.4 45.7	: 82 Ω /km; 0±15 Ω ACR (dB/100m) 62.0 59.0 52.5 50.2 45.2 42.6 39.9 37.0	PS ACR (dB/100m) 59.0 56.5 49.9 47.7 42.5 39.9 37.2 34.3	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2 39.2 37.2 35.3 33.3	(dB/100m) 60.3 48.2 42.2 40.3 36.2 34.2 32.3 30.4	(dB) 19.0 19.0 19.0 19.0 19.0 19.0 17.5 17.0 16.5	Syste	4P*23AWG:What is a second of the second of t	mite/Brown & 1	Brown.	
2. Impedar FREC (MHz 1 4 8 10 16 20 25 3.125 62.5 100	E) cor Resistance: nce: Pairs (diff) ATTEN (dB/100m) 3.0 4.0 5.6 6.3 8.0 9.0 10.1 5.114 6.16.5 21.3	At 20°C erential NEXT (dB) 65.0 58.2 56.6 53.2 51.6 50.0 48.4 43.4 39.9	Max 23AWG mode) 10 PS NEXT (dB) 62.0 60.5 55.6 54.0 50.6 49.0 47.4 45.7 40.6 37.1	:82 \(\Omega \) \(\mathre{km} \); \(0 \pm 15 \) \(\Omega \) \(\mathre{km} \); \(0 \pm 15 \) \(\mathre{k} \) \(\mathre	PS ACR (dB/100m) 59.0 56.5 49.9 47.7 42.5 39.9 37.2 34.3 24.1 15.8	ELFEXT (dB/100m) 63.3 51.2 45.2 43.2 39.2 37.2 35.3 35.3 27.3 23.2	(dB/100m) 60.3 48.2 42.2 40.3 36.2 34.2 32.3 30.4 24.3 20.3	(dB) 19.0 19.0 19.0 19.0 19.0 17.5 17.0 16.5 14.0 12.0	Syste 001M-	4P*23AWG:What is a second of the second of t	nite/Brown & BLE487377 4 Pairs 23AWG :	Brown.	