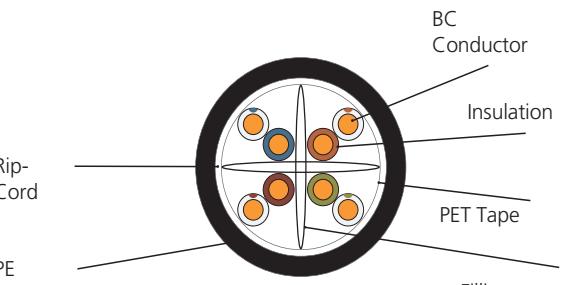



Fca
CPR
Structured Copper Networking Cable

CAT6 UTP PE External Black

PART CODE: 000843 and 000169

CABLE REFERENCE : CPR RATE	CAT6 UTP PE FCA CPR		CABLE CONSTRUCTION	
Category Type	CAT6 UTP PE Per metre or 305M box			
Relevant Standards:	ANSI/TIA-568-C.2, ISO/IEC 11801:2011			
Conductor	Material	Solid Bare copper		
	AWG	24		
	NomOH(mm)	0.550 up +0.005 / 0.550 down -0.005		
Insulation	Material	PE		
	Diameter	0.95± 0.05mm		
	Colour	1.White-Blue/Blue 2.White-Orange/Orange 3.White-Green/Green 4.White-Brown/Brown		
Rip cord	yes			
Outer Sheath	External O.D.	6.3±0.5mm		
	Thickness	0.55±0.05mm		
	Surface	Clean, Frap, Satiation		
	Material	LDPE (RoHS complied)		
	Colour	External Black		
Marking	UTP PE CAT6 4PR 24AWG SOLID ISO/IEC 11801 AND TIA/EIA 568C.2 P18-032624s 001M, 002M ...305M			
Packing	305M/inner box or per metre			
Cable specifications	Max.linear Resistance.			
	Mutual capacity(nom)			
	Unbalance capacity max (pip at 1 KHz:)			
	Characteristic impedance (1 at 100 MHz)			
	VELOCITY OF PROPAGATION (f>1MHz:)			



Suitable for external installations requiring performances up to 250MHz. 30 year system warranty available. Sold in 305m box or Per metre.


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Electrical Characteristics

Frequency (MHz.)	Phase Delay (dB)	Return loss (dB)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ELFEXT (dB)	PSELFEXT (dB)
1	570.00	20	2.03	74.3	72.3	67.8	64.8
4	552.00	23	3.78	65.3	63.3	55.8	52.8
8	546.73	24.5	5.32	60.8	58.8	49.7	46.7
10	545.38	25	5.95	59.3	57.3	47.8	44.8
16	543.00	25	7.55	56.2	54.2	43.7	40.7
20	542.05	25	8.47	54.8	52.8	41.8	38.8
25	541.20	24.3	9.51	53.3	51.3	39.8	36.8
31.25	540.44	23.6	10.67	51.9	49.9	37.9	34.9
62.5	538.55	21.5	15.38	47.7	45.4	31.9	28.9
100	537.60	20.1	19.80	44.3	42.3	27.8	24.8
200	536.54	18	28.98	39.8	37.8	21.8	18.8
250	536.27	17.3	32.85	38.3	36.3	19.8	16.8

Information in this data sheet supplied to users is based on general experience and is given in good faith, but because of the many particular factors which are outside our knowledge which affect the use of the products, no warranty is given nor is to be implied with respect to such information. Users should make their own enquiries to determine the stability of products for any particular use.

