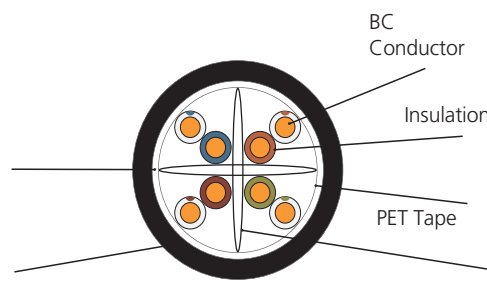




Structured Copper Networking Cable

CAT6 UTP PE External Black

PART CODE: 000843 and 000169

CABLE REFERENCE : CPR RATE	CAT6 UTP PE FCA CPR		CABLE CONSTRUCTION  Suitable for external installations requiring performances up to 250MHz. 30 year system warranty available. Sold in 305m box or Per metre.
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:)		



Structured Copper Networking Cable

CAT6 UTP PE External Black

PART CODE: 000843 and 000169

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.



Connect with the team, we're here to help
01908 282200 | enquiries@dunasfern.com | dunasfern.com