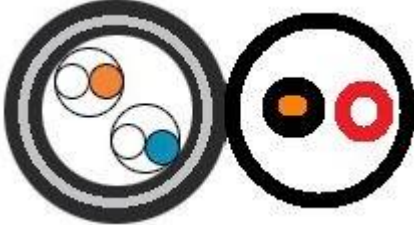


CABLE COMPOSITE 2 × 2/24AWG SHIELDED CAT. 5e + 2/16 AWG LDPE 152M

Part Number: PROCAT5ETURBO/500		Cross Section					
Application							
-Mixed signal systems and data -Support services -TVI cameras signal transmission							
STANDARD COMPLIANCES		Construction: 2/16 AWG Power Cable					
As Per ANSI/TIA, ISO/IEC Standards ANSI/TIA-568-C.2 of Perm. Link ISO/IEC 2nd Edition 11801 Class E of Perm. Link ETL Verified		Conductor	Bare Copper				
Construction: 2 × 2/24AWG Shielded CAT.5e		AWG	16				
Conductor	100% Copper	Conductor Dia.(mm)	26*0.25				
AWG	24	Insulation	HDPE				
Insulation	HDPE	Insulation Dia.(±0.02mm)	2.25				
Average Thickness(mm)	0.18	Jacket	LDPE				
Insulation Dia.(±0.02mm)	0.91	Outer Dia.(±0.2mm)	5.0				
1 st Shielded	Aluminum Foil	Insulation Color					
2 nd Shielded	Al Alloy Braiding	Black-Red					
Jacket	LDPE	Jacket Color					
Average Thickness(mm)	0.55	Standard	Black				
Outer Dia.(±0.2mm)	4.5	Electrical Specifications					
Rip Cord	Per request	Conductor resistance	Max 9.38ohm/100M at 20°C				
Insulation Color		Max. ring resistance	16.8 ohm/100M at 20°C				
Blue-White/ Blue	Orange-White/Orange	Max. mutual capacitance	46.00 pf/M				
Jacket Color		Max Differential delay(Skew)	45ns				
Standard	Black	Max. capacity unbalance	330 pf/100M				
Special	Per customer Request	Standard impedance	100±15 ohm between 1Mhz and 100Mhz				
Packing Term		Working temperatures	-20~60°C				
Packing Length	Per customer Request						
Packing type	Wooden Drum						
Frequency (Mhz)	ACR (dB)	RL (dB)	ATT (dB/100)	Min NEXT (dB)	Min PS-NEXT (dB)	Min ELFEXT (dB)	Min PS-ELFEXT (dB)
1	66.3	20	2.1	68.0	66.0	63.8	60.8
4	55.2	23.0	4.2	59.2	57.2	51.7	48.8
10	46.8	25	6.6	53.3	51.3	43.8	40.8
20	39.5	25	9.4	48.8	46.8	37.8	34.8
25	36.9	24.3	10.3	47.3	45.3	35.8	32.8
31.25	34.2	23.6	11.8	45.9	43.9	33.9	30.9
62.3	24.4	21.5	17.1	41.1	39.4	27.8	24.8
100	16.3	20.1	22.2	38.3	36.3	23.8	20.8

*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%