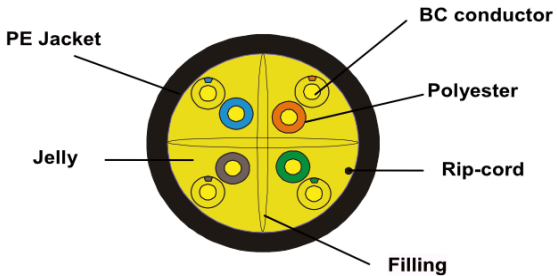


Part Number: AS-GN0005

Description: 4 Pair U/G CAT6 UTP Gel Filled Cable Drum 305MTR

The 4 Pair U/G CAT6 UTP Gel Filled Cable Drum - 305MTR, a reliable and durable solution for underground network installations. This cable is designed with four twisted pairs using Unshielded Twisted Pair (UTP) construction, and it is gel-filled for added protection against moisture, making it ideal for underground applications. With a generous length of 305 meters, this cable provides extensive coverage for various networking projects.

Category	U/UTP-ZST CAT6-4P-PE																	
Test Standard	ISO/IEC11801 TIA-568-C.2																	
Conductor	Material	Solid Bare Copper																
	Nom.O.D.(mm)	0.570	<table border="1"> <tr> <td>up</td> <td>+0.005</td> </tr> <tr> <td>Down</td> <td>-0.005</td> </tr> </table>		up	+0.005	Down	-0.005										
up	+0.005																	
Down	-0.005																	
Insulation	Material	HDPE																
	Diameter	1.09 ± 0.03mm																
Sheath	Thickness	0.60 ± 0.05 mm		<table border="1"> <tr> <td rowspan="2">Before Ageing</td> <td>Tensile Strength (Mpa)</td> <td>≥10.0</td> </tr> <tr> <td>Elongation (%)</td> <td>≥350</td> </tr> <tr> <td>Ageing Period</td> <td>(°C x hrs)</td> <td>100°C x 24h x 10d</td> </tr> <tr> <td>After Ageing</td> <td>Elongation (%)</td> <td>≥300</td> </tr> <tr> <td colspan="3">Cold bend (-20±2°Cx4h) 8xCable O.D. No visible cracks</td> </tr> </table>	Before Ageing	Tensile Strength (Mpa)	≥10.0	Elongation (%)	≥350	Ageing Period	(°C x hrs)	100°C x 24h x 10d	After Ageing	Elongation (%)	≥300	Cold bend (-20±2°Cx4h) 8xCable O.D. No visible cracks		
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	Ageing Period	(°C x hrs)	100°C x 24h x 10d															
	After Ageing	Elongation (%)	≥300															
Cold bend (-20±2°Cx4h) 8xCable O.D. No visible cracks																		
External O.D.	6.8 ± 0.8 mm																	
Surface	Clean, Frap, Satiation																	
Material	LDPE																	
Colour	Black																	
Surface Printing	Letter Height	3.0 ± 0.3 mm		<table border="1"> <tr> <td>1.0-250.0MHz</td> <td>Impedance (Ω)</td> <td>100±15</td> </tr> <tr> <td>1.0-250.0MHz</td> <td>Delay Shew (ns/100m)</td> <td>≤45</td> </tr> </table>	1.0-250.0MHz	Impedance (Ω)	100±15	1.0-250.0MHz	Delay Shew (ns/100m)	≤45								
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	1.0-250.0MHz	Delay Shew (ns/100m)	≤45															
Colour	White																	
Print error & space	≤±.05%, 1M																	
Colour	A. Blue, White-Blue	B. Orange, White-Orange		<table border="1"> <tr> <td>DC Resistance 20°C (Ω/100m) max 9.38 - NVP 69</td> </tr> <tr> <td>DC Conductor Resistance Unbalance (%) Max 5.0</td> </tr> </table>	DC Resistance 20°C (Ω/100m) max 9.38 - NVP 69	DC Conductor Resistance Unbalance (%) Max 5.0												
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DC Conductor Resistance Unbalance (%) Max 5.0																		
	C. Green, White-Green	D. Brown, White-Brown																
Packing	Drum																	
Carton Dimension	37cm * 37cm * 24cm																	
Packing Length	500 ± 2.5 m																	
	Yes	Drain wire	No															



Technical Support: 1300 732 254

Web: www.grovecoms.com.au

Unit 3&4, 15 Drake Street, Osborne Park WA 6017

Part Number: **AS-GN0005**

Description: **4 Pair U/G CAT6 UTP Gel Filled Cable Drum 305MTR**

- **ReliablePerformance:** The U/G CAT6 UTP Gel Filled Cable ensures reliable data transmission with its four twisted pairs, suitable for a variety of networking applications.
- **Gel-FilledProtection:** The gel-filled design adds an extra layer of protection, making the cable resistant to moisture and ensuring durability for underground installations.
- **305-MeterLength:** With a substantial length of 305 meters, this cable offers ample coverage, making it suitable for both residential and commercial underground networking projects.
- **VersatileUse:** Ideal for a wide range of networking applications, the 4 Pair U/G CAT6 UTP Gel Filled Cable is suitable for underground installations in homes, offices, and other environments where reliable and moisture-resistant connections are crucial.
- **Cat6Standard:** Compliant with Cat6 standards, this cable supports high data transfer rates, making it suitable for applications that demand fast and reliable network performance.

Fluke Technical Performance								
FREQUENCY	RL	ATT	NEXT	DELAY	FREQUENCY	PSNEXT	ELFEXT	PSELFEXT
(Mhz)	≥dB	≤dB	≥dB	≤ns	(Mhz)	≥dB	≥dB	≥dB
1	19.1	3.0	65.0		1	62.0	64.2	61.2
4.0	21.0	3.5	64.1		4	61.8	52.1	49.1
8.0	21.0	5.0	59.4		8	57.0	46.1	43.1
10.0	21.0	5.5	57.8		10	55.5	44.2	41.2
16.0	20.0	7.0	54.6	498	16	52.2	40.1	37.1
20.0	19.5	7.9	53.1		20	50.7	38.2	35.2
25.0	19.0	8.9	51.5		25	49.1	36.2	33.2
31.25	18.5	10.0	50.0		31.25	47.5	34.3	31.3
62.5	16.0	14.4	45.1		62.5	42.7	28.3	25.3
100	14.0	18.6	41.8		100	39.3	24.2	21.2
200	11.0	27.4	36.9		200	34.3	18.2	15.2
250	10.0	31.1	35.3		250	32.7	16.2	13.2
Fluke Test Pass, 20m ~ 80m, >1.0dB								



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