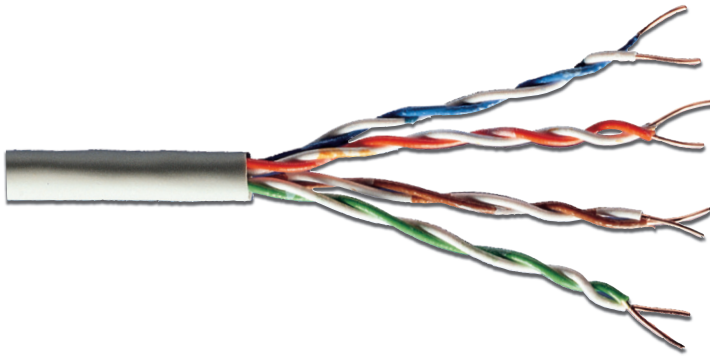


ASSNET100 Category 5e U-UTP Twisted Pair Installation Cable



✓ Category 5e Compliant, ISO/IEC 11801, DIN EN 50173, DIN EN 50288-5-1

✓ Stress less paper pullout box

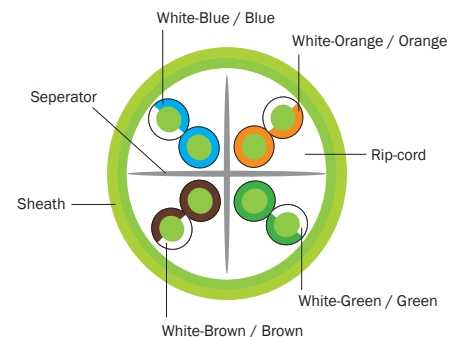
✓ assures best performance

Abstract

ASSNET100 CAT 5e U-UTP installation cable, raw, Length 305 M, Paper Box, AWG 24/1, PVC Color grey

Features

- PVC outer sheath
- Stress less paper pullout box
- Category 5e Compliant, ISO/IEC 11801, DIN EN 50173
- AWG 24 conductor
- 100 MHz



Product Overview

ASSNET Category 5e U-UTP installation cables are manufactured and tested to the ISO/IEC 11801 and DIN EN 50173 Category 5e specifications. Every cord consists of 8 color coded AWG 24 polyethylene insulated conductors. The conductors are twisted together to form 4 pairs with varying lay lengths.

Printing details along the outer sheath includes the brand name, item code and cable length 0 – 305 meter. The cable is packed in a paper pullout box which makes the installation easy. Moreover it is reducing waste.

Part Number Information

ACU-4511-305 – ASSNET100 CAT 5e U-UTP installation cable, raw, Length 305 M, Paper Box, AWG 24/1, PVC Color grey

ASSNET100 Category 5e U-UTP Twisted Pair Installation Cable

Performance Overview

ASSNET Category 5e U-UTP installation cables are manufactured and tested to the ISO/IEC and DIN Standards bodies. The performance characteristics are tested up to 100 MHz including NEXT and ELFEXT as well as return loss. The performance meets the required standards, the ASSNET Installation cables are made to fulfill the high demand of applications.

Typical Applications

- 1000BASE-T Gigabit Ethernet
- 100 BASE-TX Fast Ethernet

Physical Description

Physical Description	
Conductor Material	Material Copper Covered Aluminum
Conductor Diameter	0.500 +/- 0.02mm (AWG 24)
Insulation Material	HD-PE
Insulation Diameter	0.87 +/- 0.02mm
Total number of insulated conductors	8 conductors, twisted in 2 x 4 pairs
Core Color	blue x white, orange x white, green x white, brown x white
Individual Pair Shield	none
Overall Shield	none
Sheath Thickness	0.50 +/- 0.05mm
External Outer Diameter	5.0 +/- 0.3mm
Material	PVC complied to RoHS
Color	grey, other color's available on request
Packing	Paper pullout box
Carton Dimension	35.0 x 35.0 x 20.0cm
Packing Length	305 +/- 1.5m

Mechanical Properties

Mechanical Properties	
Bend Radius	dynamic 8 x Diameter mm/min and static 4 x Diameter mm/min
Storage Temperature	-20 to +60°C
Installation Temperature	0 to +50°C
Operating emperature Range	-10 to +75°C

ASSNET100 Category 5e U-UTP Twisted Pair Installation Cable

Technical Performance

Technical Performance (100m)									
Frequency (MHz)	RL >dB	ATT (20 °C) <dB	NEXT >dB	PHASE DELAY <ns	Frequency (MHz)	PS NEXT >dB	ELFEXT >dB	PSELFEXT >dB	
1	19.0	3.0	60.0		1	57.0	58.6	55.6	
4.0	19.0	3.9	54.8		4	51.8	46.6	43.6	
8.0	19.0	5.5	50.0		8	47.0	40.6	37.5	
10.0	19.0	6.2	48.5		10	45.5	38.6	35.6	
16.0	19.0	7.9	45.2	498	16	42.2	34.5	31.5	
20.0	19.0	8.9	43.7		20	40.7	32.6	29.6	
25.0	18.0	10.0	42.1		25	39.1	30.7	27.7	
31.25	17.1	11.2	40.5		31.25	37.5	28.7	25.7	
62.5	14.1	16.2	35.7		62.5	32.7	22.7	19.7	
100	12.0	21.0	32.3		100	29.3	18.6	15.6	

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