



# Trident Cat5e FTP PVC Grey B305M

## Key Features

- Grey PVC Sheath
- Colour Coded Grey Box
- FTP Shield
- Metre Marked
- Solid Wire 24AWG
- 30 Year System Warranty Available



## Cable Type:

FTP CAT5E-4P-PVC-24AWG

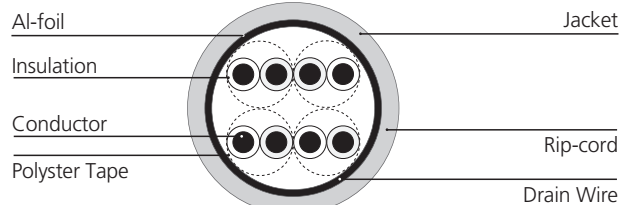
## Part No: TRI-000162

## General Description:

Suitable for all installations requiring performances up to 100MHz

## Relevant Standards:

ANSI/TIA-568-C.2, ISO/IEC 11801:2011, ROHS Compliant



## Cable Construction:

## Material Breakdown:

Conductor	Bare Copper	Nom.O.D: 0.500 up +0.005 Nom.O.D: 0.500 down - 0.005
Insulation	Polyethylene	Diameter: 1.00±0.03mm
Screening Material	Aluminium PETP	
Sheath	Thickness	0.55±0.05mm
	External O.D.	6.3±0.4mm
	Surface	Clean, Frap, Satiation
	Material	PVC (complies RoHS)
	Colour	According to the Requirements
Surface Printing	Letter Height	3.0±0.3mm
	Colour	LSOH Purple
	Print Error & Space	<±0.5% 1m
Core Colour	1 White-Blue/Blue	2 White-Orange/Orange
	3 White-Green/Green	4 White-Brown/Brown
Packaging	Box 305m	Carton Dimensions: 41 x 41 x 21cm
	Packing Length: 305 ± 1.5m	
	Rip Cord: Yes	Drainwire: Yes



### Electrical Characteristics (20°C):

Frequency MHz	Impedance Ω	RL dB	Attenuation dB/100m	Next Worst Pair dB	Next Power sum dB	ELFEXT Pair dB	ELFEXT Pair dB	Nominal Velocity Propaganda
1.0	100±15	20.0	2.0	65.3	62.3	63.8	60.8	0.65C
4.0		23.0	4.1	56.3	53.3	51.7	49.7	
8.0		24.5	5.8	51.8	48.8	45.7	42.7	
10.0		25.0	6.5	50.3	47.3	43.8	40.8	
16.0		25.0	8.2	47.3	44.3	39.7	36.7	
20.0		25.0	9.3	45.8	42.8	37.7	34.7	
25.0		24.3	10.4	44.3	41.3	35.8	32.8	
31.25		23.6	11.7	42.9	39.9	33.9	30.9	
62.5		21.5	17.0	38.4	35.4	27.8	24.8	
100		20.1	22.0	35.3	32.3	23.8	20.8	