



# Trident Cat5 25 Pair External PE



## Key Features

- Black PE Sheath
- Metre Marked
- Solid Wire 24AWG
- 30 Year System Warranty Available
- Cut to length

## Cable Type:

Cat5e 25PR External

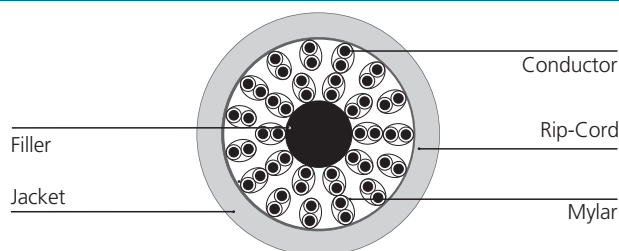
## Part No: TRI-000171

## General Description:

Suitable for all installations requiring performances up to 100MHz. Allows multiple pairs to be installed using one cable

## Relevant Standards:

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



## Physical Characteristics:

## Material Breakdown:

Inner Conductor	Stranded Bare Copper
AWG	24
No. of Pairs	4
Insulation	S Polyethylene
Filler	Polyethylene
Shield (Braiding Layer)	Mylar Spiral Shield
Outer Jacket	Polyethylene Black
NOM OD	12.00mm

## Electrical Characteristics:

Max.Conductor DC Resistance at 20°C(Ω/Km)	<105.5
Rated Temperature(°C):	60
Rated Voltage:	30


**Technical Performance (100m):**

Frequency MHz	Impedance $\Omega$	RL dB	Attenuation at 20°C dB/100m	Next Worst Pair dB
1.000	100±15	20.0	2.0	65.3
4.000	-	23.0	4.1	56.3
8.000	-	24.5	5.8	51.3
10.00	-	25.0	6.5	50.3
16.00	-	25.0	8.2	47.3
20.00	-	25.0	9.3	45.8
25.00	-	24.2	10.4	44.3
31.25	-	23.6	11.7	42.9
62.50	-	21.5	17.0	38.4
100.00	-	20.1	22.0	35.3