



Trident Cat5e UTP SWA P.E.

Key Features

- P.E. Jacket
- Galvanized Steel Wire
- UTP Unshielded Twisted Pair
- Metre Marked
- Solid Wire 24AWG

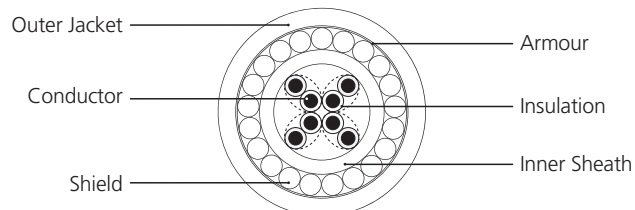
Cable Type:

CAT5e UTP SWA P.E.

Part No: TRI-000616

General Description:

Suitable for all installations requiring performances up to 100MHz in an external environment. Can also be used in areas such as VOIP or POE.



Relevant Standards:

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

Cable Construction:

Material Breakdown:

Conductor	Material	Solid Bare Copper
	Nom. O.D. (mm)	0.51 up ± 0.010 down -0.010
Insulation	Material: SPE	Diameter: 0.91 ± 0.10 mm *2*4
Jacket	External O.D. mm	10.50 (+/- 0.50)
	Surface	Clean, Smooth
	Material	PE (complies RoHS)
	Colour	Black
Armour	Material: Dipped Galvanised Steel Wire	Nom. O.D. (mm): 0.90 ± 0.10 mm *23
Shield	Material	Mylar
	Colour	Transparent
Inner Sheath	External O.D. mm	10.50 (+/- 0.50)
	Surface	Clean, Smooth
	Material	PE
	Colour	Black


Electrical Characteristics (20°C):

Conductor DC Resistance ($\Omega/100m$)	< 10.54 $\Omega/100M$
Insulation DC Resistance	>200M Ω *M
Impedance (Ω) 1-100MHz	100 \pm 15 Ω

Technical Performance (100m):

Frequency (MHz)	RL (dB/100m) (+15%)	Attenuation (-dB/100m) (+20%)	Next Worst Pair (dB/100m) (+15%)
1	20.0	2.0	65.3
4	23.0	4.1	56.3
8	24.5	5.8	51.8
10	25.0	6.5	50.3
16	25.0	8.2	47.3
20	25.0	9.3	45.8
25	24.3	10.4	44.3
31.25	23.6	11.7	42.9
62.50	21.5	17.0	38.4
100	20.1	22.0	35.3