TRIDENT DATA

30 YEAR WARRANTY



Eca CPR

Trident Cat5e UTP SWA P.E.

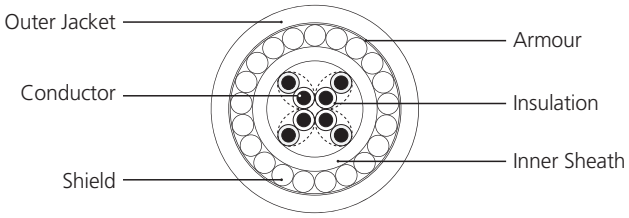
Key Features

- 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 enivronment. 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 +0.10mm *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 ± 0.10mm *23
Shield	Material	Mylar
	Colour	Transparent
Inner Sheath	External O.D. mm	10.50 (+/- 0.50)
	Surface	Clean, Smooth
	Material	PE
	Colour	Black

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Electrical Characteristics (20°C):	
Conductor DC Resistance (Ω/100m)	< 10.54 Ω/100M
Insulation DC Resistance	>200MΩ*M
Impedance (Ω) 1-100MHz	100±15Ω

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

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