



Product Description:

eWit 24/23 AWG copper wire insulated with Polyethylene. Two insulated conductors twisted together to form a pair and four such pairs separated by a cross filler form the core unit jacketed with flame retardant PVC/LSZH. Enhanced performance cable enables delivering high speed network.

Flame Rating:

PVC-CM/CMR/CMX LSZH-IEC 60332-1; IEC 60754 1&2; IEC 61034-2 Specified and tested upto 250MHz or higher if required Compliant to ANSI/TIA 568-C.2 Cat6, ISO/IEC 11801 Class E

EW-CT604



Product Application:

- 10 Base T (IEEE 802.3)
- 100 Base T (IEEE 802.3U)
- 1000 BASE-T (IEEE 802.3ab)
- 1000 BASE-TX
- TP-PMD (ANSI X3T9.5)
- 100 Mbps CDDI
- ATM 155
- 4/16 Mbps Token Ring (IEEE 802.5)
- Meets IEEE802.3af & 802.3at PoE

Features	Specification
Standard Length:	305 Meters
Cable Type:	UTP Solid CAT6
No of Wires:	4 Pair
Insulation:	High Density Polyethylene
Rip Cord Material:	Nylon
Pairs:	2 Insulated conductors twisted together
Construction:	23AWG
Sheath:	FR-PVC Insulation thickness 0.2mm nominal
Insulation Thickness:	0.22±0.02mm
Insulation Diameter:	0.93±0.05mm
Characterstic Impedance	100 ± 15Ω
Insulation Resistance:	Min. 5000 mega ohms-km at 20°C
Cable Diameter:	6.1 mm nominal

Insulation Material:	Aluminium/ Polyester Foil + Tinned copper Braiding
Conductor Resistance:	$\leq 9.38 \Omega/100m$
Insulation Resistance:	100M Ω
Delay Skew:	<45nS
NVP (%):	69%
Mutual Capacitance:	< 5.6nF/100m
Resistance Unbalance:	5% Max
Capacitance Unbalance:	330 pF/100m
Temperature Rating:	-20° to +70°C
Operating Voltage:	72V
Bending Radius:	<25.4mm at -20°C +/-1°C
Pulling Force:	≥ 11.5 Kg
Dielectric Strength:	1.0KV dc or 0.75KV ac for 1min
Certification & Standards:	ISO, CE, FC, ROHS
Separator cable	Cross/ star spine to separate 4 pairs UTP cables Pull/ strip thread inside the UTP cable