



DESCRIPTION

- Rated temperature: 70°C
- Reference standard: UL Subject 444, EIA/TIA 568B, 2-1& ISO/IEC 11801, IEC 61163
- Solid bare copper conductor
- Colour-coded PE insulation
- Rip cord (optional)
- PVC or LSZH jacket
- Paclaging: Reel, Reel in Box

APPLICATION

- 100 Base-T4
- 100Base-TX
- 100VG-AnyLAN
- 1000Base-T
- 1000Base-TX
- 155Mbps ATM
- 622Mbps ATM

CONSTRUCTION

Structure	Construction	F/UTP
	Number of Pairs	4 Pair
	AWG	23AWG
	Conductor Dimension(mm)	1/0.573±0.01mm
	Solid or Stranded; OFC or Tinned	Solid OFC
Insulation	Insulation Material	HD-PE
	Insulation Dimension(mm)	1.16±0.05mm
	Number Colour (Ring or Strip Marking)	1.white/blue & blue 2.white/orange & orange 3.white/green & green 4.white/brown & brown
	Cross Filler	Yes
Shield	Shield & Material	Yes (AL-Foil)
	Drain Wire	Yes (0.4mmTC)
Outer Jacket	Jacket Material	PE
	Ripcord	Optional
	Overall Nominal Diameter (mm)	7.6±0.2mm
Mechanical characteristics	Operating Temp. Range	-30~60•
	Bulk Cable Weight (KG/KM)	41KG/KM
	Max, Recommended Pulling Tension	100N
	Min. Bend Radius (Install)	10 x O.D.
	Flame Test	Fca
Electical Characteristics	Nom, Mutual Capacitance@1kHz	≤ 5.6nF / 100M
	Max. Capacitance	≤ 160pF / 100M(Per IEC 61156)
	Unbalance (pF/100m)	≤ 330pF / 100M(Per TIA/EIA-568C)
	Nominal Velocity of Propagation	70%
	Max.Delay Skew (ns/100m)	≤45ns/ 100M
	Max.Conductor DC Resistance @ 20 Deg. C	≤7.9Ω/ 100M
	Max.DC Resistance	≤ 2%
	Unbalance @ 20 Deg. C	
	Max. Insuation Resistance (MΩ/km)	5000
	Max. Operating Voltage ULF	300V