

■ UTP Cat 3 50P, 80P, 100P Cable



APPLICATION

BENKA UTP cat 3 telephone cable is designed for voice transmission. Two cores are twisted to form a pair to reduce electromagnetic interference from external sources. Black color jacket is for outdoor use.

STANDARD

International ISO/IEC 11801, ANSI/TIA-568-B.2

BENKA UTP CAT 3 50PR X 0.5 MM



Cable Description		50PR x 0.5	80PR x 0.5	100PR x 0.5
Part No.	PVC jacket	313 50205	313 80205	313 100205
	LSZH jacket	621 50205	621 80205	621 100205
Conductor	Diameter (mm)	0.50 ± 0.01	0.50 ± 0.01	0.50 ± 0.01
	Material	Bare copper	Bare copper	Bare copper
	Type	Solid	Solid	Solid
Dielectric (insulation)	Diameter (mm)	0.88 ± 0.01	0.88 ± 0.01	0.88 ± 0.01
	Material	Solid PE	Solid PE	Solid PE
Core wrapping	Material	Plastic tape	Plastic tape	Plastic tape
	Thickness (mm)	0.04 ± 0.01	0.04 ± 0.01	0.04 ± 0.01
Outer sheath	Material	PVC/LSZH	PVC/LSZH	PVC/LSZH
	Color	Grey/Orange	Grey/Orange	Grey/Orange
	Thickness (mm)	1.20 ± 0.05	1.25 ± 0.05	1.30 ± 0.05
	Diameter (mm)	15.0 ± 0.5	18.0 ± 0.5	20.0 ± 1.0
Conductor resistance (Ω/km)		≤ 95	≤ 95	≤ 95
Insulation resistance (GΩ x km)		≥ 5	≥ 5	≥ 5
Rated temperature		-20°C to +70°C	-20°C to +70°C	-20°C to +70°C
Smoke density		IEC 61034-2 (LSZH sheath)		
Halogen free		IEC 60754-1 (LSZH sheath)		
Flame retardant		IEC 60332-1		
Standard & Approval		RoHS, SIRIM		