

UTP 2P, 4P, 6P Cable

Product Code: Telephone Cable

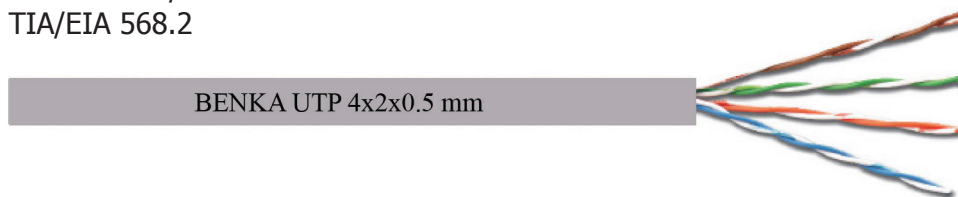


■ APPLICATION

BENKA Telephone Cable is designed for Voice transmission. Twisted core pair lengths cause minimum coupling values. Black color jacket for outdoor use.

STANDARD

International ISO/IEC 11801
National TIA/EIA
TIA/EIA 568.2



Cable Description		BENKA UTP 2x2x0.5	BENKA UTP 4x2x0.5	BENKA UTP 6x2x0.5
Part No.		313 2205	313 4205	313 6205
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)	0.9±0.01	0.9±0.01	0.9±0.01
	Material	Solid PE	Solid PE	Solid PE
Core Wrapping	Material	--	--	--
	Thickness(mm)	--	--	--
Jacket(sheath)	Material	Flame retardant PVC	Flame retardant PVC	Flame retardant PVC
	Colour	Grey	Grey	Grey
	Thickness (mm)	0.55±0.05	0.55±0.05	0.6±0.05
	Diameter (mm)	4.2±0.2	5.1±0.2	6.0±0.2
Resistance (Ohms/km)		≤95	≤95	≤95
Insulation Resistance (Ohms/km)		≥5	≥5	≥5
Mutual Capacitance (Nf/km)		50±5	50±5	50±5
Number of Pair		2	4	6
Weight (kg/km)		20	30	42
Operating Temperature Range (oC)		-20 to 60	-20 to 60	-20 to 60
Flame Retardant to IEC 60332-1		Yes	Yes	Yes
Standard & Approval		ROHS	ROHS	ROHS
Package		1000M/Roll	1000M/Roll	1000M/Roll

UTP 10P, 20P, 25P, 30P Cable

Product Code: Telephone Cable

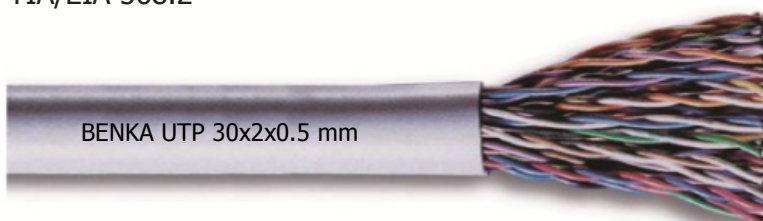


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STANDARD

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Cable Description		BENKA UTP 10x2x0.5	BENKA UTP 20x2x0.5	BENKA UTP 25x2x0.5	BENKA UTP 30x2x0.5
Part No.		313 10205	313 20205	313 25205	313 30205
Conductor	Diameter (mm)	0.50±0.01	0.50±0.01	0.50±0.01	0.50±0.01
	Material	Bare Copper	Bare Copper	Bare Copper	Bare Copper
	Type	Solid	Solid	Solid	Solid
Dielectric (Insulation)	Diameter (mm)	0.9±0.01	0.9±0.01	0.9±0.01	0.9±0.01
	Material	Solid PE	Solid PE	Solid PE	Solid PE
Core Wrapping	Material	Plastic tape	Plastic tape	Plastic tape	Plastic tape
	Thickness(mm)	0.04±0.01	0.04±0.01	0.04±0.01	0.04±0.01
Jacket(sheath)	Material	Flame retardant PVC	Flame retardant PVC	Flame retardant PVC	Flame retardant PVC
	Colour	Grey	Grey	Grey	Grey
	Thickness(mm)	0.9±0.05	0.95±0.05	1.00±0.05	1.05±0.05
	Diameter(mm)	7.5±0.5	10.0±0.5	11.0±0.5	12.0±0.5
Resistance (Ohms/km)		≤95	≤95	≤95	≤95
Insulation Resistance (Ohms/km)		≥5	≥5	≥5	≥5
Mutual Capacitance (Nf/km)		50±5	50±5	50±5	50±5
Number of Pair		10	20	25	30
Weight (kg/km)		70	130	160	190
Operating Temperature Range (oC)		-20 to 60	-20 to 60	-20 to 60	-20 to 60
Flame Retardant to IEC 60332-1		Yes	Yes	Yes	Yes
Standard & Approval		ROHS	ROHS	ROHS	ROHS
Package		1000M/Roll	1000M/Roll	1000M/Roll	1000M/Roll

UTP 50P, 80P, 100P Cable

Product Code: Telephone Cable

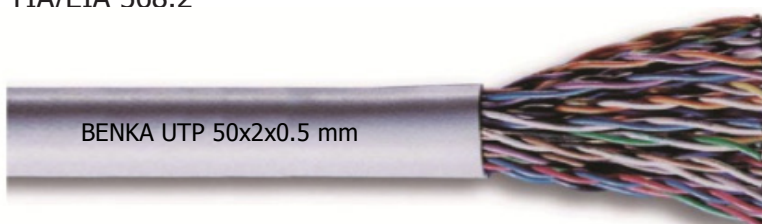


■ APPLICATION

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STANDARD

International ISO/IEC 11801
National TIA/EIA
TIA/EIA 568.2



Cable Description		BENKA UTP 50x2x0.5	BENKA UTP 80x2x0.5	BENKA UTP 100x2x0.5
Part No.		313 50205	313 80205	313 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)	0.9±0.01	0.9±0.01	0.9±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
Jacket(sheath)	Material	Flame retardant PVC	Flame retardant PVC	Flame retardant PVC
	Colour	Grey	Grey	Grey
	Thickness(mm)	1.15±0.05	1.20±0.05	1.25±0.05
	Diameter(mm)	15.0±0.5	18.0±0.5	20.0±1.0
Resistance (Ohms/km)		≤95	≤95	≤95
Insulation Resistance (Ohms/km)		≥5	≥5	≥5
Mutual Capacitance (Nf/km)		50±5	50±5	50±5
Number of Pair		50	80	100
Weight (kg/km)		300	460	560
Operating Temperature Range (oC)		-20 to 60	-20 to 60	-20 to 60
Flame Retardant to IEC 60332-1		Yes	Yes	Yes
Standard & Approval		ROHS	ROHS	ROHS
Package		1000M/Roll	1000M/Roll	1000M/Roll