
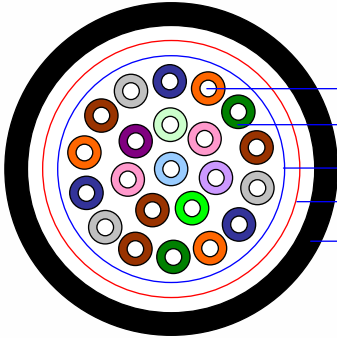

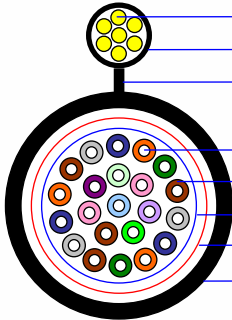

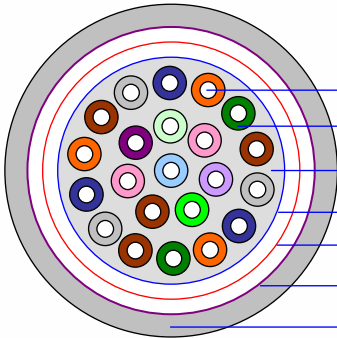

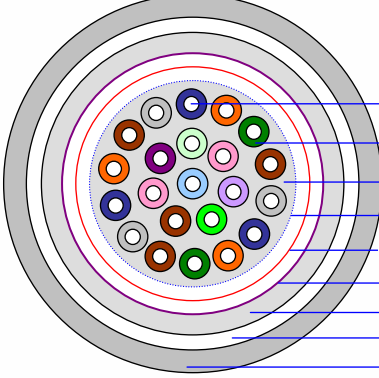




Outdoors telephone cable

Type		Dia. Of conductor	pairs	Construction Diagram
	Air core telephone cable	0.4mm	5-2400P	 <ul style="list-style-type: none"> Copper conductor HDPE Insulation Polyester Aluminium Foil LDPE Jacket
		0.5mm	5-2400P	
		0.6mm	5-600P	
		0.7mm	5-300P	
		0.8mm	5-200P	
	Aerial telephone cable	0.4mm	5-300P	 <ul style="list-style-type: none"> Galvanize Steel Wires L DPE Jacket Web Copper conductor HDPE Insulation Polyester Aluminium Foil LDPE Jacket
		0.5mm	5-300P	
		0.6mm	5-200P	
		0.7mm	5-100P	
		0.8mm	5-10P	
	Jelly filled telephone cable	0.4mm	5-1000P	 <ul style="list-style-type: none"> Copper conductor HDPE Insulation Filling Compound Polyester Water Blocking Swellable Tape(optional) Aluminium Foil LDPE Jacket
		0.5mm	5-600P	
		0.6mm	5-400P	
		0.7mm	5-200P	
		0.8mm	5-200P	
	Jelly filled & armoured cable	0.4mm	20-600P	 <ul style="list-style-type: none"> Copper conductor HDPE Insulation Filling Compound Polyester Water Blocking Swellable Tape(optional) Aluminium Foil LDPE Inner Jacket Corrugated Steel Tape for Armored LDPE Jacket
		0.5mm	10-400P	
		0.6mm	10-200P	
		0.7mm	5-100P	
		0.8mm	5-100P	



Outdoors telephone cable

Serial No.	Item	Unit	Specification					
1	DC resistance of single conductor(+20°C)	Ω/km	Nominal diam Maximum	0.40 148.0	0.50 95.0	0.60 65.8	0.70 48.0	0.80 36.6
2	Imbalance DC resistance of pair(+20°C)	%	Nominal diam Max. average Maximum	0.40 1.5 5.0	0.50 1.5 5.0	0.60 1.5 5.0	0.70 1.5 4.0	0.80 1.5 4.0
3	Insulation resistance or each single insulated conductor to other conductors shield or connected to the earth(+20°C DC 100-500V)	MΩ.km	Minimum	Unfilled Cable 10×10 ³		Filled Cable 3×10 ³		
4	Dielectric strength Conductor to conductor Conductor to shield	Kv	Solid polyolefin insulation cable 3S 1min (Time of inputing power) 2.0 1.0 6.0 3.0					
5	Working capacitance 0.80kHz or 1kHz	nF/km	Cable nominal pair Maximum Average	10 58.0 52.0 ± 4.0	> 10 57.0 52.0 ± 2.0			
6	Working capacitance difference (over 100 pairs filled cable)0.8kHz or 1kHz	%	Maximum	2				
7	Capacitance unbalance(0.8kHz or 1kHz) Pair to pair Pair to earth	pF/km	Cable nominal pair Maximum Maximum Max. Average	10 250 2630 -	> 10 250 2630 570			
8	Natural attenuation(+20°C) < 10 pairs cable (150kHz) < 10 pairs cable (1024kHz) > 10 pairs cable (150kHz) > 10 pairs cable (1024kHz)	dB/km	Nominal diam Max. average Max. average Max. average Max. average	0.40 12.1 27.3 11.7 23.6	0.50 9.0 22.5 8.2 18.6	0.60 7.2 18.5 6.7 15.8	0.70 6.4 15.8 5.7 13.8	0.80 5.7 13.7 4.7 12.3
9	NEXT Attenuation(1024kHz, length 0.3km) Total combination among inner pairs of 10 pair cable Total combination of inner pairs inside 12pair, 13pair sub-unit Total combination of inner pairs inside 20pair, 30pair cable or an unit Total combination of pairs among neighbouring 12,13pairs sub-units Total combination of pairs among neighbouring unit Total combination of pairs of two units or sub-units inside a super-unit Total combination of sub-unit pairs or unit pairs inside different super-units	dB	(M-S)not less than 53 (M-S)not less than 54 (M-S)not less than 58 (M-S)not less than 63 (M-S)not less than 64 (M-S)not less than 70 (M-S)not less than 79					
10	FEXT Defence (150kHz) Total combination of inner pairs inside a unit or a 30pair cable Total combination of pairs inside 12pair, 13pair sub-unit or 10 pair/20 pair cable	dB/km	Non-isolated cable Minimum 58 The average power not less than 69 The average power not less than 68					