

JUMPER WIRES, Y,YV

Application :

Y: in telephone wiring and signal installations.
 YV: in telephone exchange for cross connection of frames and equipment.

Construction :

Conductor: Plain or tinned annealed copper
 Insulation: PVC compound

Standard :

TCI, VDE 0812, VDE 0815



Electrical data for Y wires :

Conductor diameter wire diameter (mm)	Max. conductor resistance at 20°C (Ω/km)	Min. insulation resistance at 20°C (MΩ.km)	Operating voltage, peak (V)	Test voltage, DC (kV)
0.5 / 0.9	90	500	400	1.5 (for 1 min.)
0.5 / 1.1	90	500	400	1.5 (for 1 min.)
0.6 / 1.1	63	500	400	1.5 (for 1 min.)

Electrical data for YV wires :

Conductor diameter / wire diameter (mm)	Max. conductor resistance at 20°C (Ω/km)	Min. insulation resistance at 20°C (MΩ.km)	Operating voltage, peak (V)	Test voltage, DC (kV)
0.5 / 0.9	95	500	500	1.5 (for 1 min.)
0.5 / 1.1	95	500	900	1.5 (for 1 min.)
0.6 / 1.1	66.5	500	900	1.5 (for 1 min.)

Dimensional data :

No. of wires x conductor diameter / wire diameter (mm)	Insulation thickness (mm)	Approx. external diameter (mm)	Approx. net weight (kg/km)
1x 0.5 / 0.9	0.2	0.9	2.4
2x 0.5 / 0.9	0.2	1.8	4.8
3x 0.5 / 0.9	0.2	1.9	7.2
1x 0.5 / 1.1	0.3	1.1	9.8
2x 0.5 / 1.1	0.3	2.2	19.6
3x 0.5 / 1.1	0.3	2.4	29.4
1x 0.6 / 1.1	0.25	1.1	3.5
2x 0.6 / 1.1	0.25	2.2	7
3x 0.6 / 1.1	0.25	2.4	10.5

Y : PVC insulation

V : Tinned copper conductor

ONE PAIR SELF SUPPORTING CABLES (DROP WIRE), J-2Y-T

Application :

For connecting subscribers to communication cable networks on poles or along external walls.

Construction :

Conductor: Plain annealed copper

Insulation: Black PE, type 1 class C category 4 or 5 grade J-3 as per ASTM D 1248

Suspension wire: Solid galvanized steel wire

Standard :

TCI



Electrical and mechanical data:

No. / diameter of conductor (mm)	Max. conductor resistance at 20°C (Ω/km)	Min. insulation resistance at 20°C (MΩ.km)	Operating voltage, RMS (V)	Min. mutual capacitance (nF/km)	Test voltage, DC (kV)	Min. tensile strength of suspension wire (N/mm ²)	Min. ultimate elongation of suspension wire (%)
2 x 0.6	63	2000	100	40	15 (for 5 sec.) (immersed in water)	1400	3

Dimensional data :

No. / diameter of conductor (mm)	Suspension wire diameter (mm)	Insulation thickness (mm)	Approx. overall diameter (mm)	Approx. net weight (kg/km)
2 / 0.6	0.7	0.8	4.5 x 7	18.5

J : Installation cable
2Y : Polyethylene insulation
T : Suspension wire