

## JE-Y(St)Y



These cables used in internal wiring of industrial electronics (and also as some instrumentation usage) and produced in acc. with VDE 0815 .

**Construction :**

Conductor	Solid plain annealed copper
Insulation	PVC type YI3 (Thickness = 0.3 mm)
Static screen	Polyester Tape + 0.8 mm Drain Wire(Tinned Copper ) +Al.Polyester Tape
Sheath	PVC type YM1

**Color Code: as VDE 0815**

Characteristics	Unit	Value for 0.8 mm
Loop resistance, max.	Ohm/km	73.2
Insulation resistance, min.	MOhm x km	100
Mutual capacitance, max.	nF/km	100*
Coupling capacitance k, max.	pF/100 m	300**
Dielectric strength		
wire/wire	Veff	800
wire/screen		800
Operating voltage, peak value	V	300

\* in case of two pair cables the values can be exceeded by 20 %;  
 \*\* 20 % of value, but min. One value, may amount up to 500 pF

Number of Pairs x Conductor Diameter	Sheath thickness	Overall Diameter	Weight	Standard Packing Length
mm	mm	mm	Kg/Km	meter
1x2x0.8 mm	1.0	5.1	38	1000
2x2x0.8 mm	1.0	6.8	60	1000
4x2x0.8 mm	1.0	7.7	88	1000
8x2x0.8 mm	1.0	9.9	151	1000
12x2x0.8 mm	1.2	11.9	219	1000
16x2x0.8 mm	1.2	13.3	277	1000
24x2x0.8 mm	1.2	15.6	389	1000
32x2x0.8 mm	1.4	18.0	525	1000