



J-YY Bd

CE



Technical data

- Installation cable acc. to DIN VDE 0815
- **Temperature range**
during operation -5°C to +50°C
fixed installation -30°C to +70°C
- **Loop resistance**
at 20°C max. 130 Ohm/km
- **Operating peak voltage** max. 300 V
(not for purposes of high current and power installation)
- **Test voltage** (50 Hz)
core/core U eff. 800 V
- **Insulation resistance**
min. 100 MOhm x km
- **Mutual capacitance**
at 800 Hz max. 100¹⁾ nF/km
- **Capacitance unbalances** at 800 Hz
k₁ - max. 300²⁾ pF/100 m
k₉₋₁₂ - 100³⁾ pF/100 m
- **Line attenuation**
at 800 Hz 1,48 dB/km
- **Minimum bending radius**
to DIN VDE 0891 part 5
during delivery 7,5x cable Ø
single bending without tension
2,5x cable Ø
repeated bending under tension
7,5x cable Ø
- **Radiation resistance**
up to 80x10⁶ cJ/kg (up to 80 Mrad)
- **Caloric load values**
see Technical Informations

Cable structure

- Bare copper-conductor, single-wire
- Core insulation of PVC, compound type YI1 to DIN VDE 0207 part 4
- Core and star quad identification to DIN VDE 0815
- The cores to a quad and each 5 quads to a unit and several units are stranded in layer
- Foil wrapping
- Outer sheath of PVC, flame retardant, compound type YM1 to DIN VDE 0207 part 5
- Sheath colour grey

Properties

- PVC self-extinguishing and flame retardant acc. to DIN VDE 0482-332-1-2, DIN EN 60332-1-2, IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- ¹⁾ This value may be extended by 20% with a make-up to 4 pairs.
- ²⁾ 20% of the values, but one value up to 500 pF is allowed.
- ³⁾ 10% of the values, but four values (relationship) up to 300 pF are allowed.

Application

J-YY installation cables are preferably used as telephone cables in telephone stations and sub-extensions, in dry and damp premises, and in or under plaster, in the open air for fixed installation. Telephone-Installation cables are not allowed for purposes of high current and power installation.

CE= The product is conformed with the EC Low-Voltage Directive 2006/95/EC.

Part no.	No.pairs x cross-sec. mm	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	
33100	2 x 2 x 0,6	4,5	11,0	34,0	-
33101	4 x 2 x 0,6	6,5	23,0	59,0	-
33102	6 x 2 x 0,6	7,0	34,0	74,0	-
33103	10 x 2 x 0,6	8,5	57,0	111,0	-
33104	16 x 2 x 0,6	10,0	90,0	160,0	-
33105	20 x 2 x 0,6	11,0	113,0	200,0	-
33106	24 x 2 x 0,6	11,5	136,0	224,0	-

Part no.	No.pairs x cross-sec. mm	Outer Ø approx. mm	Cop. weight kg / km	Weight approx. kg / km	
33107	30 x 2 x 0,6	13,0	170,0	284,0	-
33108	40 x 2 x 0,6	15,0	226,0	364,0	-
33109	50 x 2 x 0,6	16,5	283,0	451,0	-
33110	60 x 2 x 0,6	17,5	339,0	529,0	-
33111	80 x 2 x 0,6	20,3	452,0	700,0	-
33112	100 x 2 x 0,6	22,3	565,0	850,0	-

Dimensions and specifications may be changed without prior notice. (RP01)