YV
Jumper wires

Acc. to VDE 0812

SPECIAL FEATURES

Properties
Tin-plated copper

APPLICATION

Jumper wire for attaching to equipment, assembly units or similar in telecommunication systems for voice and signal transmission. Jumper wires are used to create circuits in switchboards, amplifier racks, selector racks, measuring devices, telephone exchanges, master clocks and information processing devices etc. They have been approved for all types of operating sites. These jumper wires must not be used for heavy current insulation purposes outside appliances.

INSTALLATION INSTRUCTIONS

Jumper wires must be unwound from coils or rings without any kinks or twists. They can be laid as shaping wire, individually or in cantilever format so as to move freely against each other and offer compensative bending. The wires must be laid without mechanical loads, tension, compression, friction, notching etc. Multiple jumper wires are combined as bundles. In doing so, ties must not cut into the insulation sheaths. The tie materials must be non-conducting and must not swell or shrink as a result of moisture. If soldering the wires without using crimping pliers, the soldering process should be kept as brief as possible to prevent the insulation sheath from excessive shrinkage or damage.

STRUCTURE

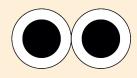|	
Conductor	Copper wire, solid, tin plated, 0.6 to 0.8 mm Ø
Cores	PVC YI3 according to DIN VDE 0207 part 4, wires: monochrome or two-coloured; two-coloured wires are identified by a basic colour and a labelling colour (in the form of rings), according to DIN VDE 0812

TECHNICAL DATA

Nominal voltage	900 V
Test voltage	2500 V
Temperature range	Moving -5°C to + 70°C
Temperature range	Fixed installation -30°C to + 70°C
PVC properties	PVC self-extinguishing and flame retardant, test method A according to VDE 0472 part 804 and IEC 60332-2

Product description			Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
Yv	1x0.6/1.1	Blue	2.8	3.4	3	3301110
Yv	1x0.6/1.1	Red	2.8	3.4	3	3311020
Yv	1x0.6/1.1	Green	2.8	3.4	3	3311030
Yv	1x0.6/1.1	Brown	2.8	3.4	3	3311060
Yv	1x0.6/1.1	Yellow	2.8	3.4	3	3301111
Yv	1x0.6/1.1	Black	2.8	3.4	3	3301115
Yv	1x0.6/1.1	White	2.8	3.4	3	3301116
Yv	2X0.6/1.1	Red/green	5.8	6.8	8	3301107
Yv	2X0.6/1.1	Red/blue	5.8	6.8	8	3301108
Yv	2x0.6/1.1	Red/black	5.8	6.8	8	3301119
Yv	2x0.6/1.1	Grey/blue	5.8	6.8	8	3301201
Yv	2x0.6/1.1	White/blue	5.8	6.8	8	3301310
Yv	2X0.6/1.1	White/brown	5.8	6.8	8	3301311
Yv	2X0.6/1.1	White/yellow	5.8	6.8	8	3301312
Yv	2x0.6/1.1	White/green	5.8	6.8	8	3301313
Yv	2X0.6/1.1	White/red	5.8	6.8	8	3301314
Yv	2X0.6/1.1	White/black	5.8	6.8	8	3301315
Yv	2X0.6/1.1	White/grey	5.8	6.8	8	3301316
Yv	2x0.8/1.4	White/blue	10.0	2.8	12	3301410
Yv	2x0.8/1.4	White/brown	10.0	2.8	12	3301411
Yv	2x0.8/1.4	White/yellow	10.0	2.8	12	3301412
Yv	2x0.8/1.4	White/green	10.0	2.8	12	3301413
Yv	2x0.8/1.4	White/red	10.0	2.8	12	3301414
Yv	2x0.8/1.4	White/black	10.0	2.8	12	3301415
Yv	2x0.8/1.4	Red/yellow	10.0	2.8	12	3301507
Yv	2x0.8/1.4	Red/blue	10.0	2.8	12	3301508
Yv	2x0.8/1.4	Red/black	10.0	2.8	12	3301509
Yv	1x0.8/1.4	Black	4.8	1.4	8	3312000
Yv	1x0.8/1.4	White	4.8	1.4	8	3312010
Yv	1x0.8/1.4	Red	4.8	1.4	8	3312020
Yv	1x0.8/1.4	Green	4.8	1.4	8	3312030
Yv	1x0.8/1.4	Yellow	4.8	1.4	8	3312040
Yv	1x0.8/1.4	Blue	4.8	1.4	8	3312050
Yv	1x0.8/1.4	Brown	4.8	1.4	8	3312060
Yv	1x0.8/1.4	Grey	4.8	1.4	8	3312070