



J-Y(ST)Y EIB / KNX

MSR Installation Cable with Static Screen European Installation Bus

Application:

The installation in, on and under the wall surface, in dry, humid and wet locations as well as outdoors (if protected) is admissible. As BUS-installation cable (EIB-installation bus) it may be used in HV and LV installations, as control and instrumentation cable (MSR-cable) in HV installations. Suitable for the transmission of measuring data, for the installation in the processing and for the application in the field of the control technology.



Construction:

- 1 solid bare copper
- 2 core insulation of polyvinylchloride (PVC)
- 3 layer of plastic foil
- 4 static screen of plastic coated aluminium foil with drain wire
- 5 outer sheath of polyvinylchloride (PVC)
green or grey

Information:

Cores twisted to starquads.
(see technical attachment)

Standards:

according to DIN VDE 0815 (core identification)
DIN EN 60228 class 1 (construction),
EIBA spezifikation

Technical data:

Peak operating voltage		[V]	300
Temperature range	in motion		-5°C till +50°C
	max. on conductor		+70°C
Conductor resistance	max.	[Ohm/km]	73,2
Insulation resistance	min.	[MOhm/km]	100
Mutal capacitance	at 800 Hz	[nF] max.	100
Test voltage	Core / Core	[KV] 5min.	1
	Core and Screen on conductorsurface	[KV] 1min.	4
Bending radius		x diameter	15

Number of pairs and nominal conductor diameter mm	from stock	Copper figure kg/km	Overall diameter appr. mm	Weight appr. kg / km
2 x 2 x 0,8	●	21	6,6	60